

Flood Control Project Maintenance
Levee Inspections

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

| | | | | | | | | | |
|---|--------------------|------------------------|---------|--------------|-------------|---------|-------------|------------------------------|--|
| RD0999 Reclamation District No. 0999 Netherlands | Overall LMA Rating | Total LMA Miles | | | | | | | |
| | U | 32.37 | | | | | | | |
| | Rated Item | Maintenance Deficiency | | | | | Enforcement | Design & System Obsolescence | |
| | | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles U Miles | |
| <i>Earthen Levee</i> | | | | | | | | | |
| Vegetation | | 0.38 | 0.05 | 0.58 | 1.79% | 0.50 | 0.35 | | |
| Trim / Thin Trees | | 1.94 | 0.02 | 2.02 | 6.24% | 0.08 | | | |
| Encroachments | | 0.37 | 0.01 | 0.41 | 1.27% | 4.48 | 0.05 | | |
| Animal Control | | 1.44 | | 1.44 | 4.45% | | | | |
| Slope Stability | | 0.06 | | 0.06 | 0.19% | | | 0.03 | |
| Erosion / Bank Caving | | 0.01 | | 0.01 | 0.03% | | | | |
| Crown Surface / Depressions / Rutting | | 7.61 | | 7.61 | 23.51% | | | | |
| Repair Gates | | 0.01 | | 0.01 | 0.03% | | | | |
| <i>Supplemental</i> | | | | | | | | | |
| USACE Erosion Survey | | 0.07 | | 0.07 | 0.22% | | | 9.45 | |
| DWR UCIP Field Study | | | | | | 0.75 | 0.05 | | |
| <i>LMA Totals:</i> | | 11.89 | 0.08 | 12.21 | 37.72% | 5.81 | 0.45 | 9.48 0.00 | |

| | | | | | | | | | |
|--|---------------------|------------------------|---------|--------------|-------------|---------|-------------|------------------------------|--|
| Unit No. 01 Yolo Bypass LB RD0999 | Overall Unit Rating | Total Unit Miles | | | | | | | |
| | U | 15.43 | | | | | | | |
| | Rated Item | Maintenance Deficiency | | | | | Enforcement | Design & System Obsolescence | |
| | | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles U Miles | |
| <i>Earthen Levee</i> | | | | | | | | | |
| Vegetation | | 0.01 | | 0.01 | 0.07% | 0.01 | | | |
| Trim / Thin Trees | | 0.30 | | 0.30 | 1.94% | | | | |
| Encroachments | | 0.08 | | 0.08 | 0.52% | 2.67 | | | |
| Animal Control | | 0.02 | | 0.02 | 0.13% | | | | |
| Slope Stability | | 0.05 | | 0.05 | 0.32% | | | 0.03 | |
| Erosion / Bank Caving | | 0.01 | | 0.01 | 0.07% | | | | |
| Crown Surface / Depressions / Rutting | | 5.40 | | 5.40 | 35.00% | | | | |
| <i>Supplemental</i> | | | | | | | | | |
| USACE Erosion Survey | | 0.01 | | 0.01 | 0.07% | | | | |
| DWR UCIP Field Study | | | | | | 0.07 | 0.02 | | |
| <i>Unit Totals:</i> | | 5.88 | 0.00 | 5.88 | 38.11% | 2.75 | 0.02 | 0.03 0.00 | |

| | | | | | | | | | |
|---|---------------------|------------------------|---------|--------------|-------------|---------|-------------|------------------------------|--|
| Unit No. 02 Miner Slough RB RD0999 | Overall Unit Rating | Total Unit Miles | | | | | | | |
| | U | 2.32 | | | | | | | |
| | Rated Item | Maintenance Deficiency | | | | | Enforcement | Design & System Obsolescence | |
| | | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles U Miles | |
| <i>Earthen Levee</i> | | | | | | | | | |
| Vegetation | | 0.06 | | 0.06 | 2.59% | | 0.02 | | |
| Trim / Thin Trees | | 0.07 | 0.02 | 0.15 | 6.47% | | | | |
| Encroachments | | 0.01 | | 0.01 | 0.43% | 0.07 | 0.05 | | |
| Animal Control | | 0.10 | | 0.10 | 4.31% | | | | |
| Crown Surface / Depressions / Rutting | | 0.48 | | 0.48 | 20.69% | | | | |
| <i>Supplemental</i> | | | | | | | | | |
| DWR UCIP Field Study | | | | | | 0.08 | | | |
| <i>Unit Totals:</i> | | 0.72 | 0.02 | 0.80 | 34.48% | 0.15 | 0.07 | 0.00 0.00 | |

Flood Control Project Maintenance
Levee Inspections

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

| Unit No. 03 Sutter Slough RB RD0999 | Overall Unit Rating | Total Unit Miles | | | | | | |
|--|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| | U | 3.74 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 0.05 | | 0.05 | 1.34% | 0.02 | 0.02 | | |
| Trim / Thin Trees | 0.26 | | 0.26 | 6.95% | | | | |
| Encroachments | 0.03 | | 0.03 | 0.80% | 0.01 | | | |
| Animal Control | 0.01 | | 0.01 | 0.27% | | | | |
| Crown Surface / Depressions / Rutting | 1.41 | | 1.41 | 37.70% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| USACE Erosion Survey | 0.05 | | 0.05 | 1.34% | | | | |
| DWR UCIP Field Study | | | | | 0.05 | | | |
| <i>Unit Totals:</i> | 1.81 | 0.00 | 1.81 | 48.40% | 0.08 | 0.02 | 0.00 | 0.00 |
| Unit No. 04 Sacramento River RB RD0999 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | M | 1.22 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 0.02 | | 0.02 | 1.64% | 0.21 | 0.04 | | |
| Trim / Thin Trees | 0.17 | | 0.17 | 13.93% | | | | |
| Encroachments | 0.01 | | 0.01 | 0.82% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| USACE Erosion Survey | 0.01 | | 0.01 | 0.82% | | | | |
| DWR UCIP Field Study | | | | | 0.20 | | | |
| <i>Unit Totals:</i> | 0.21 | 0.00 | 0.21 | 17.21% | 0.47 | 0.04 | 0.00 | 0.00 |
| Unit No. 05 Elk Slough RB RD0999 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 9.66 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 0.24 | 0.05 | 0.44 | 4.55% | 0.26 | 0.27 | | |
| Trim / Thin Trees | 1.14 | | 1.14 | 11.80% | 0.08 | | | |
| Encroachments | 0.24 | 0.01 | 0.28 | 2.90% | 1.67 | | | |
| Animal Control | 1.31 | | 1.31 | 13.56% | | | | |
| Slope Stability | 0.01 | | 0.01 | 0.10% | | | | |
| Crown Surface / Depressions / Rutting | 0.32 | | 0.32 | 3.31% | | | | |
| Repair Gates | 0.01 | | 0.01 | 0.10% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| USACE Erosion Survey | | | | | | | 9.45 | |
| DWR UCIP Field Study | | | | | 0.35 | 0.03 | | |
| <i>Unit Totals:</i> | 3.27 | 0.06 | 3.51 | 36.34% | 2.36 | 0.30 | 9.45 | 0.00 |

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | U | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an induction of risk.

Comments

| |
|--|
| |
| |
| |
| |
| |
| |
| |
| |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 01 Yolo Bypass | | | Left | 15.43 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 03/19/2013 - 03/19/2013 | | 09/24/2013 - 09/24/2013 | |
| DWR Inspector | Richard Willoughby | | Richard Willoughby | |
| Accompanied By | Bob Webber RD 999 | | Bob Webber RD 999 | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|-----------------------------------|----------------------------------|------------|-----------|---|------------|----------------------|---|---------------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | | | | Start | End |
| 1 | 0.00 | 0.00 | Earthen Levee | Operations & Maintenance Manuals | WS | A Ma | | | | ° | ° 53 |
| | | | | | | | | | | ° | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2013_53 |
| 2 | 0.00 | 0.00 | Earthen Levee | Emergency Supplies & Equipment | WS | A Ma | | | | ° | ° 54 |
| | | | | | | | | | | ° | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2013_54 |
| 3 | 0.00 | 0.00 | Earthen Levee | Flood Preparedness & Training | WS | A Ma | | | | ° | ° 55 |
| | | | | | | | | | | ° | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2013_55 |
| 4 | 0.12 | 0.12 | Supplemental DWR UCIP Field Study | | WS | M En | Inspector Comments: FS_ID:15343 EP_NO: 16087 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to have a leak on the WS toe. Minor erosion is apparent under leak at WS toe. Siphon breaker should be protected in metal riser. FIELD_STRUCT_DESC: 18-inch pipe through the levee 6.5 feet below the crown. Pumps on both ends with a metal walkway on the water side and a electrical panel in a shed on the LS toe. LS pump and walkway on a 8'X8' concrete box off LS toe. Siphon breaker on LS slope. 1.5-inch galvanized electrical conduit at same location on WS. Replaced an existing pipe at same location (Permit No. 16087, 1993). FS Date: 06/25/2013 | | | 38.503639 ° 38.503639 ° 56 -121.582128 ° -121.582128 ° Y | |
| | | | | | | | | | | | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2013_56 |
| 5 | 0.13 | 0.41 | Earthen Levee | Encroachments | WS | M En | MA : Material | | | 38.503346 ° 38.499389 ° 1 -121.582116 ° -121.581933 ° Y | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_1 |
| 6 | 0.29 | 0.29 | Earthen Levee | Trim / Thin Trees | LS | A/W Ma | T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | 38.501113 ° 38.501113 ° 3 -121.581975 ° -121.581975 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_3 |
| 7 | 0.75 | 0.75 | Earthen Levee | Encroachments | WSA/W | GA Ma | Garbage Inspector Comments: Garbage on waterside shoulder. | | | 38.494401 ° 38.494401 ° 13 -121.581620 ° -121.581620 ° Y | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2012_13 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | |
|--------------------------|-----------------------------------|
| ** Rating | + Issue Type |
| A : Acceptable | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|----------------------|------------|----------|--|------------------------|---------------|---------------------------------|-----------|
| LMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 8 | 1.74 | 1.74 | Supplemental | DWR UCIP Field Study | WS | U | Inspector Comments: FS_ID:15346 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and open on WS slope. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 30-inch pipe through levee 6.5 feet below crown. Pump missing from platform in canal off LS toe. Flap gate on the waterward end. Siphon breaker and air vent on the landward shoulder. 1-inch galvanized iron filler pipe visible at WS shoulder along same alignment. Originally included in the 1966 O&M manual. FS Date: 06/25/2013 | 38.480097 ° | 38.480097 ° | 57 | |
| | | | | | | | | -121.580844 ° | -121.580844 ° | Y | |
| 9 | 1.74 | 1.74 | Supplemental | DWR UCIP Field Study | WS | U | Inspector Comments: FS_ID:15345 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and open on WS slope. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 30-inch pipe through levee 6.5 feet below crown. Pump missing from platform in canal off LS toe. Flap gate on the waterward end. Siphon breaker and air vent on the landward shoulder. Originally included in the 1966 O&M manual. FS Date: 06/25/2013 | 38.480097 ° | 38.480097 ° | 58 | |
| | | | | | | | | -121.580844 ° | -121.580844 ° | | |
| 10 | 1.75 | 1.77 | Earthen Levee | Trim / Thin Trees | WSA/W | T1 | : Trim trees to at least five feet above ground level. Ma | 38.480082 ° | 38.479788 ° | 4 | |
| | | | | | | | | -121.580930 ° | -121.580918 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2013_57 | |
| 11 | 1.81 | 2.07 | Earthen Levee | Trim / Thin Trees | LS | M | T1 : Trim trees to at least five feet above ground level. Ma | 38.479165 ° | 38.475463 ° | 30 | |
| | | | | | | | | -121.580640 ° | -121.580722 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_30 | |
| 12 | 2.11 | 2.11 | Supplemental | DWR UCIP Field Study | LS | M | Inspector Comments: FS_ID:16324 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 20-inch steel gasline through the levee at an unknown depth. Gasline markers on both shoulders. FS Date: 06/25/2013 | 38.474783 ° | 38.474783 ° | 59 | |
| | | | | | | | | -121.580428 ° | -121.580428 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2013_58 | |
| 13 | 2.15 | 2.15 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 38.474258 ° | 38.474258 ° | 7 | |
| | | | | | | | | -121.580528 ° | -121.580528 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_7 | |
| 14 | 2.15 | 2.15 | Earthen Levee | Trim / Thin Trees | LS | M | T1 : Trim trees to at least five feet above ground level. Ma | 38.474200 ° | 38.474200 ° | 31 | |
| | | | | | | | | -121.580480 ° | -121.580480 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_31 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | | |
|--------------------------|---|-----------------------------------|
| ** Rating | N : Not Inspected/Rated | + Issue Type |
| A : Acceptable | C : Corrected | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | U : Unacceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|-----------------------------------|---------------------------------------|---------------------|---|------------------------------|------------------------------|----------------------|---------------------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | Start | End | Photo | | |
| 15 | 2.20 | 2.21 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 38.473542 ° -121.580793 ° | 38.473417 ° -121.580885 ° | 8 Y | DWR ID: DWR_RD0999_01_s_2012_8 | |
| 16 | 2.26 | 2.26 | Supplemental DWR UCIP Field Study | | WS En | M Inspector Comments: FS_ID:16325 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *Delete* FS Date: 06/25/2013 | 38.472686 ° -121.581368 ° | 38.472686 ° -121.581368 ° | 60 Y | DWR ID: DWR_RD0999_01_f_2013_60 | |
| 17 | 2.27 | 2.27 | Earthen Levee | Encroachments | WSA/W Ma | GA : Garbage | ° ° | ° ° | 47 Y | DWR ID: DWR_RD0999_01_s_2013_47 | |
| 18 | 2.53 | 2.53 | Earthen Levee | Encroachments | LS En | M MA : Material Inspector Comments: Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe. | 38.469048 ° -121.583075 ° | 38.469048 ° -121.583075 ° | 40 Y | DWR ID: DWR_RD0999_01_s_2012_40 | |
| 19 | 2.75 | 5.00 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M C2 : Repair depressions or ruts in the crown or slope. | ° ° | ° ° | 46 Y | DWR ID: DWR_RD0999_01_f_2013_46 | |
| 20 | 3.24 | 3.26 | Earthen Levee | Slope Stability | LS Ma | M S1 : Repair slope instability. Inspector Comments: Depression on waterside shoulder and slope 60' x 20'. Earthen material appears to be sliding toward levee toe. | ° ° | ° ° | 51 Y | DWR ID: DWR_RD0999_01_s_2013_51 | |
| 21 | 3.33 | 5.30 | Earthen Levee | Encroachments | WS En | M CR : Crops Inspector Comments: Landowner has planted an olive grove on waterside berm several years ago without a board permit. | 38.458197 ° -121.588062 ° | 38.431240 ° -121.600587 ° | 5 Y | DWR ID: DWR_RD0999_01_s_2012_5 | |
| 22 | 3.63 | 3.66 | Earthen Levee | Slope Stability | LS Ob | M S1 : Repair slope instability. Inspector Comments: District Manager (Bob Webber) indicated that the area has a history of cracking and sloughing. District plans to repair site this summer. District repaired site without notifying the Dept. No compaction results provided. Unclear how site was repaired. Need more information about repair from district. During the fall inspection small cracks and sloughing were seen reappearing on landside shoulder and slope. | 38.454032 ° -121.590025 ° | 38.453680 ° -121.590173 ° | 6 Y | DWR ID: DWR_RD0999_01_s_2012_6 | |
| 23 | 4.09 | 4.09 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.447772 ° -121.592912 ° | 38.447772 ° -121.592912 ° | 11 | DWR ID: DWR_RD0999_01_s_2012_11 | |
| 24 | 4.15 | 4.21 | Earthen Levee | Encroachments | WS Ma | C PR : Prunings | 38.447017 ° -121.593338 ° | 38.446288 ° -121.593657 ° | 9 | DWR ID: DWR_RD0999_01_s_2012_9 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | | |
|---|---|--|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|---|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------------|------|-----------------------------------|---------------------------------------|------------|----------|---|---------------------------------|---------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | | | | | | | | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |
| LWR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 25 | 4.17 | 4.18 | Earthen Levee | Encroachments | LS Ma | C | PR : Prunings | 38.446787 ° | 38.446653 ° | 10 | |
| | | | | | | | | -121.593433 ° | -121.593492 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_10 | | | |
| 26 | 4.18 | 4.18 | Earthen Levee | Trim / Thin Trees | WS Ma | N | T5 : Tree stumps. | 38.446619 ° | 38.446619 ° | 14 | |
| | | | | | | | | -121.593442 ° | -121.593442 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_14 | | | |
| 27 | 4.19 | 4.19 | Earthen Levee | Trim / Thin Trees | WS Ma | N | T5 : Tree stumps. | 38.446478 ° | 38.446478 ° | 15 | |
| | | | | | | | | -121.593508 ° | -121.593508 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_15 | | | |
| 28 | 4.33 | 4.33 | Earthen Levee | Slope Stability | LS Ma | M | S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | 38.444561 ° | 38.444561 ° | 35 | |
| | | | | | | | | -121.594438 ° | -121.594438 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_01_f_2012_35 | | | |
| 29 | 4.33 | 4.33 | Earthen Levee | Slope Stability | WS Ma | M | S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Local farmer causing slope damage by driving equipment and trucks on slope. | 38.444560 ° | 38.444560 ° | 27 | |
| | | | | | | | | -121.594440 ° | -121.594440 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_01_f_2012_27 | | | |
| 30 | 4.36 | 4.36 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Landowner has planted cactus on waterward toe. | ° | ° | 45 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_01_f_2013_45 | | | |
| 31 | 4.58 | 4.58 | Earthen Levee | Trim / Thin Trees | WS Ma | N | T5 : Tree stumps. | 38.441063 ° | 38.441063 ° | 16 | |
| | | | | | | | | -121.596038 ° | -121.596038 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_16 | | | |
| 32 | 4.61 | 4.61 | Earthen Levee | Trim / Thin Trees | WS Ma | N | T5 : Tree stumps. | 38.440748 ° | 38.440748 ° | 17 | |
| | | | | | | | | -121.596187 ° | -121.596187 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_17 | | | |
| 33 | 4.85 | 4.86 | Supplemental USACE Erosion Survey | | WS Ma | M | Inspector Comments: 2006 - Slump failure of lower slope. Longitudinal cracks present along the levee slope. 2011 - Difficult to see due to overgrown vegetation. A small section of the levee has slumped. Sties DWS 5.0 and DWS 5.01 were combined. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: DWS_5-0_L] | 38.437506 ° | 38.437296 ° | 34 | |
| | | | | | | | | -121.597707 ° | -121.597803 ° | | |
| | | | | | | | | DWR ID: | | | |
| 34 | 5.20 | 5.29 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C3 : Add appropriate gravel or road base. Grade and compact. | 38.432700 ° | 38.431425 ° | 12 | |
| | | | | | | | | -121.599950 ° | -121.600528 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_12 | | | |
| 35 | 6.04 | 6.49 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C3 : Add appropriate gravel or road base. Grade and compact. | 38.421228 ° | 38.415043 ° | 41 | |
| | | | | | | | | -121.605263 ° | -121.608115 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_41 | | | |
| 36 | 6.45 | 6.45 | Earthen Levee | Encroachments | LS Ma | M | TR : Tree or limb Inspector Comments: Downed tree limbs on landside slope. | ° | ° | 52 | |
| | | | | | | | | ° | ° | ° | |
| | | | | | | | | DWR ID: DWR_RD0999_01_s_2013_52 | | | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------------|-------|--------------------------|---------------------------------------|------------|----------|--|------------------------------|------------------------------|----------------------------------|--------------------|
| Unit No. 01 Yolo Bypass | | | | | | | | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 37 | 6.55 | 6.60 | Earthen Levee | Encroachments | LS Ma | M | PR : Prunings Inspector Comments: Landowner burned original pruning piles, but added additional prunings. | 38.414367 ° -121.608430 ° | 38.413698 ° -121.608762 ° | 18 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_18 | |
| 38 | 6.57 | 6.57 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 38.414373 ° -121.608378 ° | 38.414002 ° -121.608573 ° | 29 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_29 | |
| 39 | 6.58 | 6.58 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: More than five holes within 25' of levee. | 38.413858 ° -121.608638 ° | 38.413858 ° -121.608638 ° | 42 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_42 | |
| 40 | 8.12 | 8.89 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C2 : Repair depressions or ruts in the crown or slope. | 38.392797 ° -121.618363 ° | 38.382338 ° -121.623343 ° | 22 | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_22 | |
| 41 | 8.17 | 8.17 | Earthen Levee | Encroachments | WS Ma | M | MA : Material Inspector Comments: Concrete rubble on waterside berm. | 38.392255 ° -121.618709 ° | 38.392255 ° -121.618709 ° | 25 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_25 | |
| 42 | 9.20 | 9.27 | Earthen Levee | Encroachments | LS En | M | FE : Fence | 38.378161 ° -121.625181 ° | 38.377261 ° -121.625619 ° | 918 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_918 | |
| 43 | 9.31 | 9.74 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | 38.376669 ° -121.625896 ° | 38.370762 ° -121.628640 ° | 919 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_919 | |
| 44 | 9.52 | 9.52 | Supplemental Field Study | DWR UCIP | CR En | M | Inspector Comments: FS_ID:15355 EP_NO: 13300 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee 3.0 feet below the crown. JP and meter at abandoned pump location on LS toe (Permit No. 13300, 1983). FS Date: 06/25/2013 | 38.373823 ° -121.627212 ° | 38.373823 ° -121.627212 ° | 61 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2013_61 | |
| 45 | 9.77 | 9.96 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Fence at landside shoulder. | 38.370502 ° -121.628975 ° | 38.367903 ° -121.630017 ° | 20 | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_20 | |
| 46 | 9.88 | 9.88 | Earthen Levee | Vegetation | WS En | M | V6 : Landscaping Inspector Comments: Trees should be trimmed for visibility. | 38.368898 ° -121.629470 ° | 38.368898 ° -121.629470 ° | 26 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_26 | |
| 47 | 9.96 | 10.22 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | 38.367831 ° -121.629990 ° | 38.364238 ° -121.631674 ° | 920 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_920 | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------------|-------|--------------------------|---------------------------------------|------------|---|----------------|------------------------------|------------------------------|--------------------------|---------------------------------|
| Unit No. 01 Yolo Bypass | | | | | | | | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |
| MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 48 | 9.96 | 9.96 | Earthen Levee | Animal Control | LS Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | | 38.367750 ° -121.630025 ° | 38.367750 ° -121.630025 ° | 2 Y | DWR ID: DWR_RD0999_01_s_2012_2 |
| 49 | 10.58 | 10.58 | Earthen Levee | Encroachments | WS En | M GA : Garbage | | 38.359305 ° -121.633949 ° | 38.359305 ° -121.633949 ° | 28 Y | DWR ID: DWR_RD0999_01_s_2012_28 |
| 50 | 10.64 | 10.64 | Earthen Levee | Crown Surface / Depressions / Rutting | CR A/W Ma | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | 38.358523 ° -121.634303 ° | 38.358523 ° -121.634303 ° | 36 | DWR ID: DWR_RD0999_01_s_2012_36 |
| 51 | 10.83 | 11.07 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | | 38.356077 ° -121.635598 ° | 38.352640 ° -121.637078 ° | 23 Y | DWR ID: DWR_RD0999_01_s_2012_23 |
| 52 | 11.31 | 11.67 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M C3 : Add appropriate gravel or road base. Grade and compact. | | 38.349380 ° -121.638540 ° | 38.344455 ° -121.640845 ° | 43 | DWR ID: DWR_RD0999_01_s_2012_43 |
| 53 | 11.85 | 11.85 | Earthen Levee | Slope Stability | WS Ma | M S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Slope damage caused by vehicle traffic | | 38.342068 ° -121.641944 ° | 38.342068 ° -121.641944 ° | 48 Y | DWR ID: DWR_RD0999_01_f_2012_48 |
| 54 | 12.17 | 12.26 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M C2 : Repair depressions or ruts in the crown or slope. | | 38.337567 ° -121.643538 ° | 38.336322 ° -121.643865 ° | 19 | DWR ID: DWR_RD0999_01_s_2012_19 |
| 55 | 12.29 | 12.29 | Supplemental Field Study | DWR UCIP | CR En | M Inspector Comments: FS_ID:15358 EP_NO: 11735 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. Pipe exposed in cut on on WS slope and open at LS toe. No pump or appurtenances. FIELD_STRUCT_DESC: 24-inch steel pipe through the levee 7.0 feet below the crown. Pump in drain ditch on the landward side with a sheetpile headwall. Flap gate on the waterward end. Siphon breaker in riser on the landward slope (Permit No. 11735, 1978). Replaced an existing pipe. FS Date: 06/25/2013 | | 38.335834 ° -121.643977 ° | 38.335834 ° -121.643977 ° | 62 Y | DWR ID: DWR_RD0999_01_f_2013_62 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|-------|---------------|---------------------------------------|---------------------|---|--|------------------------|----------------------|--------------------|---------------------------------|-----------------|
| L/MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo | | |
| | Start | End | | | | | | Start | End | | | |
| 56 | 12.29 | 12.29 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15456 EP_NO: 11735 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. Pipe exposed in cut on on WS slope and open at LS toe. No pump or appurtenances. FIELD_STRUCT_DESC: 24-inch steel pipe through the levee 7.0 feet below the crown. Pump in drain ditch on the landward side with a sheetpile headwall. Flap gate on the waterward end. Siphon breaker in riser on the landward slope (Permit No. 11735, 1978). Replaced an existing pipe. FS Date: 06/25/2013 | 38.335834 ° | 38.335834 ° | 63 | -121.643977 ° | -121.643977 ° |
| 57 | 12.54 | 12.61 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C2 : Repair depressions or ruts in the crown or slope. | 38.332288 ° | 38.331247 ° | 21 | -121.644640 ° | -121.644765 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_21 | |
| 58 | 12.94 | 13.57 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C2 : Repair depressions or ruts in the crown or slope. | 38.326433 ° | 38.317400 ° | 24 | -121.644960 ° | -121.644920 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_24 | |
| 59 | 13.37 | 13.37 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.320285 ° | 38.320285 ° | 37 | -121.644957 ° | -121.644957 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_37 | |
| 60 | 13.48 | 13.48 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.318648 ° | 38.318648 ° | 38 | -121.644952 ° | -121.644952 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_38 | |
| 61 | 14.05 | 14.05 | Earthen Levee | Erosion / Bank Caving | LS Ma | M | E1 : Note and monitor erosion site. Inspector Comments: Caving, 4' x 10', on landside slope. | 38.310347 ° | 38.310347 ° | 49 | -121.644955 ° | -121.644955 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_f_2012_49 | |
| 62 | 14.35 | 14.56 | Earthen Levee | Crown Surface / Depressions / Rutting | CR A/W Ma | | C2 : Repair depressions or ruts in the crown or slope. | 38.306113 ° | 38.302848 ° | 44 | -121.644942 ° | -121.644935 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_44 | |
| 63 | 15.07 | 15.07 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.295524 ° | 38.295524 ° | 32 | -121.644951 ° | -121.644951 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_32 | |
| 64 | 15.28 | 15.42 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Landowner has installed fence along landside slope for sheep to maintain levee slope. Landowner should apply for permit for fence. | 38.292620 ° | 38.290525 ° | 39 | -121.644960 ° | -121.644902 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_39 | |
| 65 | 15.28 | 15.28 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.292544 ° | 38.292544 ° | 33 | -121.644960 ° | -121.644960 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_01_s_2012_33 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | | |
|---|---|--|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|---|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|-------|--------------------------|---------------|------------|----------|--|------------------------|-------------|----------------------|-------------------------------|
| IMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 66 | 15.34 | 15.34 | Earthen Levee | Encroachments | LS Ma | M | TR : Tree or limb Inspector Comments: Newly planted palm trees on landside shoulder. | 38.291663 ° | 38.291663 ° | 50 | -121.644962 ° -121.644962 ° Y |
| 67 | 15.37 | 15.37 | Supplemental Field Study | DWR UCIP | LS En | M | Inspector Comments: FS_ID:16330 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch PVC waterline through the levee 2-feet below the crown. Pump off WS toe visible at waters edge. FS Date: 06/25/2013 | 38.291192 ° | 38.291192 ° | 64 | -121.644987 ° -121.644987 ° Y |

DWR ID: DWR_RD0999_01_f_2012_50
DWR ID: DWR_RD0999_01_f_2013_64

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|------------------------------|----------------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.12 |
| End Levee Mile | 0.12 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Walkway and pump off LS toe. | |
| UCIP_8113.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.13 |
| End Levee Mile | 0.41 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at fill on waterside berm. | |
| richard_f_20130918_213.jpg | |



| | |
|------------------------------------|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.13 |
| End Levee Mile | 0.41 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at fill on waterside. | |
| richard_f_20130918_214.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.13 |
| End Levee Mile | 0.41 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at fill on waterward berm. 2013 | |
| richard_f_20130927_459.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.75 |
| End Levee Mile | 0.75 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at garbage on waterside shoulder and slope. | |
| richard_f_20130918_228.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.75 |
| End Levee Mile | 0.75 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at garbage on waterside berm. | |
| richard_f_20130918_229.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|----------------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 1.74 |
| End Levee Mile | 1.74 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pump platform visible off LS toe, but no appurtenances remain. | |
| UCIP_8122.jpg | |



09/25/2013 09:12

| | |
|--|-------------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 1.75 |
| End Levee Mile | 1.77 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at trimmed trees on waterward slope. | |
| richard_f_20130927_460.JPG | |



| | |
|--|-------------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 1.75 |
| End Levee Mile | 1.77 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northwest at trimmed trees on waterward slope. | |
| richard_f_20130927_461.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 1.81 |
| End Levee Mile | 2.07 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southeast at untrimmed tree on landside slope and toe. | |
| richard_f_20130918_243.JPG | |



| | |
|--|-------------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 1.81 |
| End Levee Mile | 2.07 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southeast at dense trees on landside slope and toe. (2013) | |
| richard_f_20130918_244.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 2.11 |
| End Levee Mile | 2.11 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Gasline markers on WS shoulder with USAA paint on roadway. | |
| UCIP_9054.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 13 |
| Start Levee Mile | 2.15 |
| End Levee Mile | 2.15 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at untrimmed trees on waterside slope. | |
| richard_f_20130918_224.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 14 |
| Start Levee Mile | 2.15 |
| End Levee Mile | 2.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southeast at untrimmed trees on landside slope. | |
| richard_f_20130918_245.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 15 |
| Start Levee Mile | 2.20 |
| End Levee Mile | 2.21 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at trimmed trees on waterside slope. (Spring 2012) | |
| richard_f_20130918_225.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 2.27 |
| End Levee Mile | 2.27 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at garbage on waterside shoulder. | |
| richard_f_20130918_255.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 2.53 |
| End Levee Mile | 2.53 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at excavation with backhoe on landside shoulder. | |
| richard_f_20130918_250.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 2.53 |
| End Levee Mile | 2.53 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at excavation on landside shoulder. | |
| richard_f_20130918_251.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 2.53 |
| End Levee Mile | 2.53 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at close-up view of excavation on landside shoulder. | |
| richard_f_20130918_252.jpg | |



| | |
|--|---------------------------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 2.75 |
| End Levee Mile | 5.00 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking north at rutting on levee crown. | |
| richard_f_20130927_462.JPG | |



| | |
|--|---------------------------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 2.75 |
| End Levee Mile | 5.00 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking south at rutting on levee crown. | |
| richard_f_20130927_463.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|-----------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 3.24 |
| End Levee Mile | 3.26 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking northeast at depression on landside shoulder. | |
| richard_f_20130918_260.jpg | |



| | |
|---|-----------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 3.24 |
| End Levee Mile | 3.26 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking north at depression on landside shoulder and slope. | |
| richard_f_20130918_261.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 21 |
| Start Levee Mile | 3.33 |
| End Levee Mile | 5.30 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at olive grove on waterside berm at upstream end. | |
| richard_f_20130918_219.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 21 |
| Start Levee Mile | 3.33 |
| End Levee Mile | 5.30 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at olive grove on waterside berm. | |
| richard_f_20130918_220.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 21 |
| Start Levee Mile | 3.33 |
| End Levee Mile | 5.30 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at olive grove on waterside berm at downstream end. | |
| richard_f_20130918_221.jpg | |



| | |
|---|-----------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 3.63 |
| End Levee Mile | 3.66 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking north at cracking and sloughing on landside shoulder and slope. | |
| richard_f_20130918_222.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|-----------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 3.63 |
| End Levee Mile | 3.66 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking north at sloughing on landside shoulder and slope. | |
| richard_f_20130918_223.JPG | |



| | |
|---|-----------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 4.33 |
| End Levee Mile | 4.33 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking east at slope damage on landside slope. | |
| richard_f_20130918_246.JPG | |



| | |
|--|-----------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 4.33 |
| End Levee Mile | 4.33 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking north at slope damage caused by vehicle traffic. | |
| richard_f_20130918_247.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|-----------------|
| Levee Mile Report Line | 29 |
| Start Levee Mile | 4.33 |
| End Levee Mile | 4.33 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking northwest at slope damage caused by vehicle traffic. | |
| richard_f_20130918_239.JPG | |



| | |
|--|-----------------|
| Levee Mile Report Line | 29 |
| Start Levee Mile | 4.33 |
| End Levee Mile | 4.33 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking west at slope damage on waterside slope. | |
| richard_f_20130918_240.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 4.36 |
| End Levee Mile | 4.36 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at cactus on waterward toe. | |
| richard_f_20130927_464.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 6.55 |
| End Levee Mile | 6.60 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southeast at prunings on landward shoulder and slope. | |
| richard_f_20130927_465.JPG | |



| | |
|--|-------------------|
| Levee Mile Report Line | 38 |
| Start Levee Mile | 6.57 |
| End Levee Mile | 6.57 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northeast at untrimmed trees on landside shoulder and slope. | |
| richard_f_20130918_242.JPG | |



| | |
|---|----------------|
| Levee Mile Report Line | 39 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Looking at typical rodent hole on landside slope. | |
| richard_f_20130918_253.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|----------------|
| Levee Mile Report Line | 39 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Looking east at rodent holes on landside slope. | |
| richard_f_20130918_254.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 8.17 |
| End Levee Mile | 8.17 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at concrete rubble on waterside berm. | |
| richard_f_20130918_237.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 42 |
| Start Levee Mile | 9.20 |
| End Levee Mile | 9.27 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at fence along landside shoulder. | |
| richard_f_20130918_262.jpg | |



| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 42 |
| Start Levee Mile | 9.20 |
| End Levee Mile | 9.27 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at fence along landside shoulder. | |
| richard_f_20130918_263.jpg | |



| | |
|---------------------------------|---------------------------------------|
| Levee Mile Report Line | 43 |
| Start Levee Mile | 9.31 |
| End Levee Mile | 9.74 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking south at crown roadway. | |
| richard_f_20130918_264.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 44 |
| Start Levee Mile | 9.52 |
| End Levee Mile | 9.52 |
| Location | Crown |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| JP and meter at site of abandoned pump. | |
| UCIP_8125.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-------------------------|
| N : Not Inspected/Rated |
| C : Corrected |
| |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 46 |
| Start Levee Mile | 9.88 |
| End Levee Mile | 9.88 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at dense trees on waterside slope. | |
| richard_f_20130918_238.jpg | |



| | |
|---------------------------------|---------------------------------------|
| Levee Mile Report Line | 47 |
| Start Levee Mile | 9.96 |
| End Levee Mile | 10.22 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking south at crown roadway. | |
| richard_f_20130918_265.jpg | |



| | |
|--|----------------|
| Levee Mile Report Line | 48 |
| Start Levee Mile | 9.96 |
| End Levee Mile | 9.96 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Looking south at rodent hole on landside shoulder. | |
| richard_f_20130918_216.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 49 |
| Start Levee Mile | 10.58 |
| End Levee Mile | 10.58 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at garbage on waterside toe and berm. | |
| richard_f_20130918_241.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 51 |
| Start Levee Mile | 10.83 |
| End Levee Mile | 11.07 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Pine trees along waterside shoulder & slope. (Site of a old christmas tree farm). (Spring 2011) | |
| richard_f_20130918_235.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 51 |
| Start Levee Mile | 10.83 |
| End Levee Mile | 11.07 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking south at trimmed pine trees on waterside shoulder and slope. (Spring 2012) | |
| richard_f_20130918_236.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|---|-----------------|
| Levee Mile Report Line | 53 |
| Start Levee Mile | 11.85 |
| End Levee Mile | 11.85 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking southwest at slope damage caused by vehicle traffic on waterside slope. | |
| richard_f_20130918_256.JPG | |



| | |
|---|-----------------|
| Levee Mile Report Line | 53 |
| Start Levee Mile | 11.85 |
| End Levee Mile | 11.85 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking southwest at slope damage caused by vehicle traffic. 2013 | |
| richard_f_20130927_466.JPG | |



| | |
|---|----------------------|
| Levee Mile Report Line | 55 |
| Start Levee Mile | 12.29 |
| End Levee Mile | 12.29 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Siphon breaker in CMP riser on LS shoulder. | |
| UCIP_8195.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|--|
| Levee Mile Report Line | 57 |
| Start Levee Mile | 12.54 |
| End Levee Mile | 12.61 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking south at rutting on levee crown. | |
| richard_f_20130918_233.jpg | |

Looking south at rutting on levee crown.



| | |
|---|--|
| Levee Mile Report Line | 57 |
| Start Levee Mile | 12.54 |
| End Levee Mile | 12.61 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking south at rutting on levee crown. Spring 2013 | |
| richard_f_20130918_234.jpg | |

Looking south at rutting on levee crown. Spring 2013



| | |
|------------------------|-----------------------|
| Levee Mile Report Line | 61 |
| Start Levee Mile | 14.05 |
| End Levee Mile | 14.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Erosion / Bank Caving |

Looking east caving on landside slope.



- * Location
 - LS : Land Side
 - WS : Water Side
 - CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

- + Issue Type

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|-----------------------|
| Levee Mile Report Line | 61 |
| Start Levee Mile | 14.05 |
| End Levee Mile | 14.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Erosion / Bank Caving |
| Looking southeast at caving on landside slope. | |
| richard_f_20130918_258.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 64 |
| Start Levee Mile | 15.28 |
| End Levee Mile | 15.42 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at fence along landside slope. | |
| richard_f_20130918_248.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 64 |
| Start Levee Mile | 15.28 |
| End Levee Mile | 15.42 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at fence along landside slope. | |
| richard_f_20130918_249.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Yolo Bypass | Left | 15.43 | 09/24/2013 09/24/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 66 |
| Start Levee Mile | 15.34 |
| End Levee Mile | 15.34 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at newly planted palm trees on landside shoulder and slope. | |
| richard_f_20130918_259.JPG | |



| | |
|-------------------------|----------------------|
| Levee Mile Report Line | 67 |
| Start Levee Mile | 15.37 |
| End Levee Mile | 15.37 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible on LS toe. | |
| UCIP_9055.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 02 Miner Slough | | | Right | 2.32 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 03/19/2013 - 03/19/2013 | | 09/25/2013 - 09/25/2013 | |
| DWR Inspector | Richard Willoughby | | Richard Willoughby | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|-----------|---|------------------------------|------------------------------|----------------------|-----------|
| L/MR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.01 | 0.05 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Landowner has installed fence along landside slope for sheep to maintain levee slope. Landowner should apply for permit to keep fence. | 38.290355 ° -121.644713 ° | 38.290472 ° -121.643888 ° | Y | 17 |
| 2 | 0.15 | 0.15 | Earthen Levee | Encroachments | LS Ma | M | PR : Prunings | 38.290793 ° -121.642100 ° | 38.290793 ° -121.642100 ° | Y | 18 |
| 3 | 0.15 | 0.15 | Earthen Levee | Vegetation | LS Ma | C | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.290798 ° -121.642082 ° | 38.290798 ° -121.642082 ° | | 9 |
| 4 | 0.17 | 0.17 | Earthen Levee | Encroachments | LS En | U | BU : Building Inspector Comments: Abandoned building on landward toe and berm. | ° ° | ° ° | Y | 24 |
| 5 | 0.18 | 0.18 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | ° ° | ° ° | | 25 |
| 6 | 0.20 | 0.20 | Earthen Levee | Encroachments | LS En | M | BU : Building Inspector Comments: Dilapidated building at landside toe. | 38.290859 ° -121.641220 ° | 38.290859 ° -121.641220 ° | Y | 1 |
| 7 | 0.23 | 0.23 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 38.290787 ° -121.640725 ° | 38.290787 ° -121.640725 ° | | 12 |
| 8 | 0.74 | 0.74 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T1 : Trim trees to at least five feet above ground level. | ° ° | ° ° | | 26 |
| 9 | 0.77 | 0.80 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | ° ° | ° ° | | 27 |
| 10 | 0.78 | 0.78 | Supplemental DWR UCIP Field Study | | WS En | M | Inspector Comments: FS_ID:15384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Pump house has been removed. Needs to be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch pipe through levee 4.5 feet below crown. Abandoned pump house on the waterward slope. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.292562 ° -121.631331 ° | 38.292562 ° -121.631331 ° | Y | 30 |
| 11 | 0.81 | 0.81 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Century plant on landside slope. | 38.292439 ° -121.630781 ° | 38.292439 ° -121.630781 ° | Y | 14 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable |
|---|

| |
|---|
| N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|---------------------------------------|------------|--|----------------|---------------------------------|---------------|----------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 12 | 0.82 | 0.82 | Earthen Levee | Trim / Thin Trees | LS Ma | T2 : Thin trees to allow visibility of the ground and room to flood fight. | | 38.292386 ° | 38.292386 ° | 19 | |
| | | | | | | | | -121.630543 ° | -121.630543 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2012_19 | | | |
| 13 | 0.83 | 0.83 | Earthen Levee | Encroachments | LS En | M TR : Tree or limb | | 38.292352 ° | 38.292352 ° | 13 | |
| | | | | | | | | -121.630452 ° | -121.630452 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_13 | | | |
| 14 | 0.92 | 1.02 | Earthen Levee | Animal Control | LS Ma | M A1 : Exterminate rodents and backfill and compact or grout burrows. | | 38.291823 ° | 38.291250 ° | 2 | |
| | | | | | | | | -121.628973 ° | -121.627285 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_2 | | | |
| 15 | 0.93 | 0.93 | Supplemental DWR UCIP Field Study | | LS En | M Inspector Comments: FS_ID:15385 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe should be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 10-inch steel irrigation pipe through levee 4.9 feet below crown. Capped on both ends. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | | | 38.291739 ° | 38.291739 ° | 31 |
| | | | | | | | | -121.628873 ° | -121.628873 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2013_31 | | | |
| 16 | 1.01 | 1.01 | Supplemental DWR UCIP Field Study | | LS En | M Inspector Comments: FS_ID:16331 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: Gasline through the levee at an unknown depth. Markers on both shoulders. FS Date: 06/27/2013 | | | 38.291252 ° | 38.291252 ° | 32 |
| | | | | | | | | -121.627398 ° | -121.627398 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2013_32 | | | |
| 17 | 1.03 | 1.51 | Earthen Levee | Crown Surface / Depressions / Rutting | LS Ma | M C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | 38.291206 ° | 38.290915 ° | 20 | |
| | | | | | | | | -121.627030 ° | -121.618227 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2012_20 | | | |
| 18 | 1.24 | 1.24 | Supplemental DWR UCIP Field Study | | LS En | M Inspector Comments: FS_ID:16333 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 24-inch steel stormdrain through the levee 3-feet below the crown with a pump in a pumphouse on the LS toe. Siphon breaker in a 24-inch steel riser on WS. FS Date: 06/27/2013 | | | 38.291379 ° | 38.291379 ° | 33 |
| | | | | | | | | -121.623285 ° | -121.623285 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2013_33 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|-----------|--|---------------------------------|---------------|----------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 19 | 1.24 | 1.24 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:16332 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 24-inch steel stormdrain through the levee 3-feet below the crown with a pump in a pumphouse on the LS toe. Siphon breaker in a 24-inch steel riser on WS. FS Date: 06/27/2013 | 38.291379 ° | 38.291379 ° | 34 | |
| | | | | | | | | -121.623285 ° | -121.623285 ° | Y | |
| 20 | 1.24 | 1.24 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:16334 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No. for this crossing. FIELD_STRUCT_DESC: 30-inch steel stormdrain through the levee 2.5-feet below the crown with a pump in a pumphouse on the LS toe. Siphon breaker in a 24-inch steel riser on WS. FS Date: 06/27/2013 | 38.291381 ° | 38.291381 ° | 35 | |
| | | | | | | | | -121.623268 ° | -121.623268 ° | | |
| 21 | 1.51 | 1.51 | Earthen Levee | Encroachments | LS En | C | TA : Tank | 38.290945 ° | 38.290945 ° | 4 | |
| | | | | | | | | -121.618362 ° | -121.618362 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_4 | | | |
| 22 | 1.66 | 1.68 | Earthen Levee | Encroachments | LS En | U | BU : Building Inspector Comments: Old abandoned storage shed on landward toe and berm. | 38.290287 ° | 38.290217 ° | 3 | |
| | | | | | | | | -121.615668 ° | -121.615460 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_3 | | | |
| 23 | 1.66 | 1.66 | Earthen Levee | Encroachments | LS En | M | TR : Tree or limb | 38.290248 ° | 38.290248 ° | 5 | |
| | | | | | | | | -121.615560 ° | -121.615560 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_5 | | | |
| 24 | 1.68 | 1.68 | Earthen Levee | Encroachments | LS En | U | BU : Building Inspector Comments: Abandoned pump house on landward toe. | ° | ° | 28 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_f_2013_28 | | | |
| 25 | 1.69 | 1.69 | Earthen Levee | Encroachments | LS En | U | TA : Tank | 38.290195 ° | 38.290195 ° | 10 | |
| | | | | | | | | -121.615268 ° | -121.615268 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_10 | | | |
| 26 | 1.69 | 1.69 | Earthen Levee | Trim / Thin Trees | LS Ma | U | T1 : Trim trees to at least five feet above ground level. | 38.290171 ° | 38.290171 ° | 11 | |
| | | | | | | | | -121.615260 ° | -121.615260 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_11 | | | |
| 27 | 1.70 | 1.72 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.290026 ° | 38.289865 ° | 15 | |
| | | | | | | | | -121.614942 ° | -121.614742 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_15 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|-----------------------------------|---------------------------------------|---------------------|---------------|--|------------------------|-------------|----------------------|---------------------------------|-----------------|
| L/MR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo | |
| | Start | End | | | | | | Start | End | | | |
| 28 | 1.71 | 1.71 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:15386 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 10-inch pipe through levee 8.3 feet below crown. 6'X11' corrugated metal Pump house and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.289967 ° | 38.289967 ° | 36 | -121.614873 ° | -121.614873 ° Y |
| 29 | 1.72 | 1.75 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.289895 ° | 38.289595 ° | 8 | -121.614688 ° | -121.614337 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_8 | |
| 30 | 1.73 | 1.73 | Earthen Levee | Trim / Thin Trees | LS Ma | U | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.289755 ° | 38.289755 ° | 23 | -121.614653 ° | -121.614653 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_23 | |
| 31 | 1.73 | 1.73 | Earthen Levee | Encroachments | WSA/W Ma | PR | PR : Prunings | 38.289747 ° | 38.289747 ° | 21 | -121.614587 ° | -121.614587 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_21 | |
| 32 | 1.79 | 1.89 | Earthen Levee | Vegetation | LS Ma | A/W | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild roses and berry vines at landside toe. | 38.289117 ° | 38.288718 ° | 6 | -121.613777 ° | -121.612227 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_6 | |
| 33 | 1.80 | 2.32 | Earthen Levee | Encroachments | LS En | A/W | CR : Crops Inspector Comments: Crops encroached within ten feet of the landside toe. | 38.289002 ° | 38.286742 ° | 22 | -121.613675 ° | -121.605903 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_22 | |
| 34 | 1.92 | 1.92 | Earthen Levee | Vegetation | WS Ma | M | V4 : Elderberries are blocking visibility and flood fight capability. | 38.288713 ° | 38.288713 ° | 16 | -121.611620 ° | -121.611620 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_16 | |
| 35 | 1.95 | 2.00 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | A/W | C2 : Repair depressions or ruts in the crown or slope. | 38.288700 ° | 38.288798 ° | 7 | -121.611105 ° | -121.610050 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_s_2012_7 | |
| 36 | 2.06 | 2.06 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | ° | ° | 29 | ° | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_02_f_2013_29 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable |
|---|

| |
|---|
| N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|--|--|--|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | | | | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|---------|------------|-----|----------|------|---------------------|---------------|----------------|------------------------|-----|--------------------|
| | Start | End | | | | | | Start | End | |

| | | | | | | | | |
|----|------|------|-----------------------------------|---------|---|---------------------------|---------------------------|------|
| 37 | 2.27 | 2.27 | Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:15703 EP_NO: 3855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not capped on LS and not found on WS. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 4.0 feet below the crown. Capped during winter months. 6-inch pipe sleeved through 10-inch during irrigation season (Permit No. 3855, 1962). Included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.286666 ° -121.606803 ° | 38.286666 ° -121.606803 ° | 37 Y |
|----|------|------|-----------------------------------|---------|---|---------------------------|---------------------------|------|

DWR ID: DWR_RD0999_02_f_2013_37

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at fence along landside shoulder. | |
| richard_f_20130918_281.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at fence along landside slope. | |
| richard_f_20130918_282.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.15 |
| End Levee Mile | 0.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at prunings on landside berm. | |
| richard_f_20130918_283.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.15 |
| End Levee Mile | 0.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at prunings on landside toe. (Fall Inspection 2012) | |
| richard_f_20130918_284.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.17 |
| End Levee Mile | 0.17 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at abandoned building on landward berm. | |
| richard_f_20130927_467.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.17 |
| End Levee Mile | 0.17 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at abandoned building on landward berm. | |
| richard_f_20130927_468.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.20 |
| End Levee Mile | 0.20 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at dilapidated building at landside toe. | |
| richard_f_20130918_266.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.20 |
| End Levee Mile | 0.20 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at dilapidated building on landside toe. Spring 2013 | |
| richard_f_20130918_267.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.78 |
| End Levee Mile | 0.78 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible at concrete pad on WS slope. | |
| UCIP_8131.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 0.81 |
| End Levee Mile | 0.81 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at century plant at landside toe. | |
| richard_f_20130918_279.JPG | |



| | |
|---|-------------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 0.82 |
| End Levee Mile | 0.82 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southeast at dense trees on landside slope and toe. | |
| richard_f_20130918_285.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 13 |
| Start Levee Mile | 0.83 |
| End Levee Mile | 0.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at tree limb on landside slope. | |
| richard_f_20130918_278.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|----------------|
| Levee Mile Report Line | 14 |
| Start Levee Mile | 0.92 |
| End Levee Mile | 1.02 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Looking at several rodent holes on landside slope. | |
| richard_f_20130918_268.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 15 |
| Start Levee Mile | 0.93 |
| End Levee Mile | 0.93 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe with welded steel plate over end visible on WS | |
| UCIP_8135.jpg | |



| | |
|--------------------------------|----------------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 1.01 |
| End Levee Mile | 1.01 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Gasline marker on LS shoulder. | |
| UCIP_9061.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 1.24 |
| End Levee Mile | 1.24 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Pumphouse off LS toe.

UCIP_9063.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 1.66 |
| End Levee Mile | 1.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Looking northwest at building at landside toe.

richard_f_20130918_269.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 1.66 |
| End Levee Mile | 1.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Looking west at building at landside toe.

richard_f_20130918_270.jpg



| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

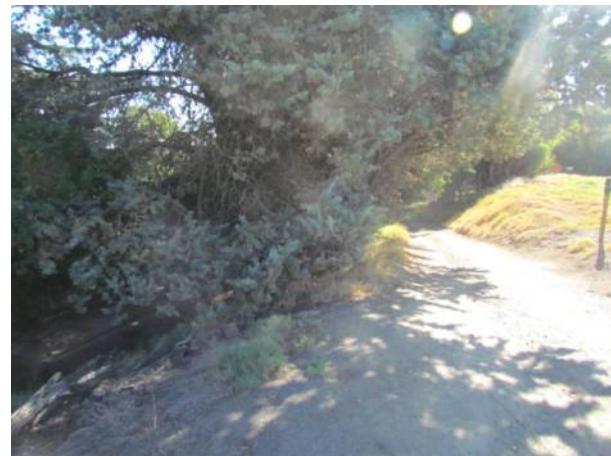
| | |
|--|---------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 1.68 |
| End Levee Mile | 1.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at abandoned pump house on landward toe. | |
| richard_f_20130927_469.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 25 |
| Start Levee Mile | 1.69 |
| End Levee Mile | 1.69 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at a tank on the landside slope and toe. | |
| richard_f_20130918_277.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 26 |
| Start Levee Mile | 1.69 |
| End Levee Mile | 1.69 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at dense trees on landward slope. | |
| richard_f_20130927_470.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 27 |
| Start Levee Mile | 1.70 |
| End Levee Mile | 1.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at dense veg. on landside toe. | |
| richard_f_20130918_280.jpg | |



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 1.71 |
| End Levee Mile | 1.71 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pumphouse on WS slope. | |
| UCIP_8138.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 29 |
| Start Levee Mile | 1.72 |
| End Levee Mile | 1.75 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at elderberry bush on landside shoulder and slope. | |
| richard_f_20130918_275.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 1.73 |
| End Levee Mile | 1.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking north at dense trees on landward slope and toe. | |
| richard_f_20130927_471.JPG | |



| | |
|---|-------------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 1.73 |
| End Levee Mile | 1.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at dense trees on landward slope and toe. | |
| richard_f_20130927_472.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 31 |
| Start Levee Mile | 1.73 |
| End Levee Mile | 1.73 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at prunings on waterside slope. | |
| richard_f_20130918_286.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.79 |
| End Levee Mile | 1.89 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at dense wild roses on landside toe. (Spring 2011) | |
| richard_f_20130918_272.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.79 |
| End Levee Mile | 1.89 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at wild roses on landside toe. (Spring 2011) | |
| richard_f_20130918_273.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.79 |
| End Levee Mile | 1.89 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southeast to wild roses on landside slope and toe. (Spring 2012) | |
| richard_f_20130918_274.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 33 |
| Start Levee Mile | 1.80 |
| End Levee Mile | 2.32 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at crops encroaching onto landside toe. | |
| richard_f_20130918_287.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 33 |
| Start Levee Mile | 1.80 |
| End Levee Mile | 2.32 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at proper toe road on landward berm. | |
| richard_f_20130927_473.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 33 |
| Start Levee Mile | 1.80 |
| End Levee Mile | 2.32 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at proper toe road on landward berm. | |
| richard_f_20130927_474.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Miner Slough | Right | 2.32 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|----------------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 2.27 |
| End Levee Mile | 2.27 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible just off shoulder on LS slope in the rose bushes. | UCIP_8609.jpg |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 03 Sutter Slough | | | Right | 3.74 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | - | | 09/25/2013 - 09/25/2013 | |
| DWR Inspector | Richard Willoughby | | Richard Willoughby | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|--------------------------|---------------------------------------|------------|----------|--|---------------------------------|------------------------------|----------------------|-----------|
| LMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.03 | 0.04 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. Inspector Comments: Dense fig trees on landward slope and toe. | 38.287145 ° -121.605572 ° | 38.287267 ° -121.605478 ° | 4 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_4 | | | |
| 2 | 0.04 | 0.04 | Earthen Levee | Encroachments | WS Ma | M | PR : Prunings Inspector Comments: Prunings on waterward slope outside the twenty feet zone should be burned or removed from levee slope. | ° ° | ° ° | 36 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_36 | | | |
| 3 | 0.04 | 0.05 | Earthen Levee | Vegetation | LS A/W Ma | V6 | : Landscaping | 38.287267 ° -121.605477 ° | 38.287395 ° -121.605378 ° | 5 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_5 | | | |
| 4 | 0.06 | 0.06 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.287540 ° -121.605283 ° | 38.287540 ° -121.605283 ° | 1 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_1 | | | |
| 5 | 0.07 | 0.07 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping Inspector Comments: Cactus on landward slope and toe | ° ° | ° ° | 37 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_37 | | | |
| 6 | 0.09 | 1.50 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C2 : Repair depressions or ruts in the crown or slope. | 38.287873 ° -121.605108 ° | 38.306151 ° -121.599374 ° | 9 | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2012_9 | | | |
| 7 | 0.16 | 0.16 | Supplemental Field Study | DWR UCIP | CR En | M | Inspector Comments: FS_ID:15389 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 10-inch pipe through levee 6.2 feet below crown. Abandoned 4'X7' concrete pumphouse and gate valve on the landward slope. Plate welded on the waterward end. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.288813 ° -121.604670 ° | 38.288813 ° -121.604670 ° | 39 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_39 | | | |
| 8 | 0.21 | 0.21 | Supplemental Survey | USACE Erosion | WS Ma | M | Inspector Comments: 1997 - Intermittent over-steepened sections. Large riparian vegetation along the length of the entire reach. Attempts to repair with rock on bank have failed. 1999 - New rock repair at the downstream end. 2002 - Some minor spot repairs. 2009 - Minimal new erosion. 2010 - Appears that fresh rock placed on downstream portion of site. Toe scour and overhanging trees with some overturned. 2012: Minor new erosion at the toe. [2012 Site ID: STR_24-7_R] | 38.295505 ° -121.605648 ° | 38.289634 ° -121.604343 ° | 29 Y | |
| | | | | | | | | DWR ID: | | | |
| 9 | 0.44 | 0.44 | Earthen Levee | Vegetation | WS Ma | M | V4 : Elderberries are blocking visibility and flood fight capability. | 38.292748 ° -121.604972 ° | 38.292748 ° -121.604972 ° | 7 Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_7 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|-------------------|-------|-----------------------------------|-------------------|---------------------|---------------|--|------------------------------|------------------------------|---------------------------------|
| LMR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start |
| | Levee Mile End | Start | | | | | | End | Photo | |
| 10 | 0.64 | 0.64 | Earthen Levee | Vegetation | LS Ma | M | V4 : Elderberries are blocking visibility and flood fight capability. | 38.295618 ° -121.605923 ° | 38.295618 ° -121.605923 ° | 8 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_8 |
| 11 | 0.67 | 0.67 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.296022 ° -121.605889 ° | 38.296022 ° -121.605889 ° | 3 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_3 |
| 12 | 0.67 | 0.68 | Earthen Levee | Vegetation | WS Ma | M | V4 : Elderberries are blocking visibility and flood fight capability. | 38.296073 ° -121.605872 ° | 38.296203 ° -121.605837 ° | 15 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_15 |
| 13 | 0.71 | 0.71 | Earthen Levee | Animal Control | LS Ma | M | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 38.296632 ° -121.605692 ° | 38.296632 ° -121.605692 ° | 17 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_17 |
| 14 | 0.72 | 0.72 | Earthen Levee | Trim / Thin Trees | LS En | A/W | T1 : Trim trees to at least five feet above ground level. | 38.296716 ° -121.605700 ° | 38.296716 ° -121.605700 ° | 23 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_23 |
| 15 | 0.73 | 0.73 | Earthen Levee | Encroachments | LS Ma | M | PR : Prunings | 38.296942 ° -121.605528 ° | 38.296942 ° -121.605528 ° | 2 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_2 |
| 16 | 0.93 | 0.93 | Earthen Levee | Vegetation | LS Ma | A/W | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild roses on landside slope. | 38.299197 ° -121.603685 ° | 38.299197 ° -121.603685 ° | 6 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_6 |
| 17 | 0.96 | 0.96 | Supplemental USACE Erosion Survey | WS Ma | M | | Inspector Comments: 2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. 2012: No observed change. [2012 Site ID: STR_25-2_R] | 38.300542 ° -121.601118 ° | 38.299402 ° -121.603056 ° | 30 Y |
| | | | | | | | | | | DWR ID: |
| 18 | 1.41 | 1.41 | Supplemental USACE Erosion Survey | WS Ma | M | | Inspector Comments: 2011 - Toe scour along length of site and erosion pockets. 2012: Site extended slightly upstream due to new erosion pocket. [2012 Site ID: STR_25-7_R] | 38.306667 ° -121.598266 ° | 38.305229 ° -121.599933 ° | 33 Y |
| | | | | | | | | | | DWR ID: |
| 19 | 1.49 | 1.49 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.306062 ° -121.599495 ° | 38.306062 ° -121.599495 ° | 11 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_11 |
| 20 | 1.52 | 1.52 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T1 : Trim trees to at least five feet above ground level. | 38.306332 ° -121.599109 ° | 38.306332 ° -121.599109 ° | 12 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_12 |
| 21 | 1.56 | 1.58 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.306762 ° -121.598541 ° | 38.306948 ° -121.598320 ° | 13 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_13 |
| 22 | 1.67 | 1.67 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T1 : Trim trees to at least five feet above ground level. | 38.308129 ° -121.598610 ° | 38.308129 ° -121.598610 ° | 14 Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_14 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable |
|---|

| |
|---|
| N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|---------------|----------------------|------------|----------|--|------------------------|-------------|----------------------|---------------------------------|---------------|---|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | | | |
| | Start | End | | | * | + | | Start | End | | | | |
| 23 | 1.70 | 1.70 | Supplemental | DWR UCIP Field Study | LS | M | Inspector Comments: FS_ID:15392 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be verified as being done so properly. FIELD_STRUCT_DESC: *Abandoned* 5-inch pipe through levee 4.4 feet below crown. Pump and valve in pump house on the waterward slope (couldn't see landward end of pipe 2/91). 1-inch galvanized iron electric conduit at same location. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.308513 ° | 38.308513 ° | 40 | -121.598874 ° | -121.598874 ° | Y |
| 24 | 1.96 | 1.96 | Earthen Levee | Trim / Thin Trees | LS | A/W | T1 : Trim trees to at least five feet above ground level. Ma | 38.311447 ° | 38.311447 ° | 20 | -121.597358 ° | -121.597358 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_20 | | |
| 25 | 2.00 | 2.00 | Supplemental | DWR UCIP Field Study | LS | M | Inspector Comments: FS_ID:15393 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 7-inch pipe through levee 4.6 feet below crown. Pump and gate valve on waterward slope. Service pole on the landward slope. 1-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.311709 ° | 38.311709 ° | 41 | -121.596713 ° | -121.596713 ° | Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_40 | | |
| 26 | 2.02 | 2.02 | Earthen Levee | Trim / Thin Trees | LS | A/W | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Ma | 38.311897 ° | 38.311897 ° | 21 | -121.596394 ° | -121.596394 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_21 | | |
| 27 | 2.09 | 2.09 | Earthen Levee | Trim / Thin Trees | LS | A/W | T1 : Trim trees to at least five feet above ground level. En | 38.312470 ° | 38.312470 ° | 26 | -121.595433 ° | -121.595433 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_26 | | |
| 28 | 2.12 | 2.12 | Earthen Levee | Trim / Thin Trees | LS | A/W | T1 : Trim trees to at least five feet above ground level. En | 38.312839 ° | 38.312839 ° | 24 | -121.594936 ° | -121.594936 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_24 | | |
| 29 | 2.15 | 2.15 | Earthen Levee | Trim / Thin Trees | LS | A/W | T1 : Trim trees to at least five feet above ground level. En | 38.313099 ° | 38.313099 ° | 25 | -121.594568 ° | -121.594568 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_25 | | |
| 30 | 2.54 | 2.54 | Earthen Levee | Encroachments | LS | M | EQ : Equipment Ma | 38.317840 ° | 38.317840 ° | 27 | -121.590895 ° | -121.590895 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_27 | | |
| 31 | 2.69 | 2.74 | Earthen Levee | Trim / Thin Trees | LS | M | T1 : Trim trees to at least five feet above ground level. Ma | 38.319943 ° | 38.320670 ° | 32 | -121.590737 ° | -121.590802 ° | |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_32 | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | |
|--------------------------|-----------------------------------|
| ** Rating | + Issue Type |
| A : Acceptable | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|---|--|---------------------------------|---------------|----------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 32 | 2.70 | 2.72 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.320105 ° | 38.320340 ° | 16 | |
| | | | | | | | | -121.590765 ° | -121.590730 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_16 | | | |
| 33 | 2.79 | 2.95 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.321244 ° | 38.323362 ° | 28 | |
| | | | | | | | | -121.590969 ° | -121.590208 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_28 | | | |
| 34 | 2.85 | 2.85 | Supplemental USACE Erosion Survey | WS | M Ma | Inspector Comments: 2012: Slumping of upper levee slope. [2012 Site ID: STR_27-1_R] | | 38.323042 ° | 38.322457 ° | 34 | |
| | | | | | | | | -121.590209 ° | -121.590693 ° | Y | |
| | | | | | | | | DWR ID: | | | |
| 35 | 2.89 | 2.89 | Supplemental DWR UCIP Field Study | WS En | M | Inspector Comments: FS_ID:15406 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 16-inch pipe through levee 9.3 feet below crown. Pump and gate valve in pump house on the landward slope. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | | 38.322652 ° | 38.322652 ° | 42 | |
| | | | | | | | | -121.590841 ° | -121.590841 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_42 | | | |
| 36 | 2.89 | 2.89 | Supplemental DWR UCIP Field Study | WS En | M | Inspector Comments: FS_ID:15405 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 16-inch pipe through levee 9.3 feet below crown. Pump and gate valve in pump house on the landward slope. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | | 38.322652 ° | 38.322652 ° | 43 | |
| | | | | | | | | -121.590841 ° | -121.590841 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2013_43 | | | |
| 37 | 2.89 | 2.89 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth at landside slope and toe. | 38.322757 ° | 38.322757 ° | 10 | |
| | | | | | | | | -121.590817 ° | -121.590817 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_03_f_2012_10 | | | |
| 38 | 3.00 | 3.00 | Earthen Levee | Encroachments | WSA/W Ma | PR | : Prunings | 38.323712 ° | 38.323712 ° | 18 | |
| | | | | | | | | -121.589255 ° | -121.589255 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_18 | | | |
| 39 | 3.02 | 3.02 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.323770 ° | 38.323770 ° | 31 | |
| | | | | | | | | -121.589035 ° | -121.589035 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_31 | | | |
| 40 | 3.03 | 3.03 | Supplemental USACE Erosion Survey | WS Ma | M | Inspector Comments: 2011 - Multiple erosion pockets. Some likely from tree popouts. 2012: No observed change. [2012 Site ID: STR_27-3_R] | | 38.325592 ° | 38.323667 ° | 35 | |
| | | | | | | | | -121.585925 ° | -121.588226 ° | Y | |
| | | | | | | | | DWR ID: | | | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|---------------|-------------------|------------|-----------|--|---|----------------------|---|---|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | | | | Start | End |
| 41 | 3.16 | 3.16 | Earthen Levee | Encroachments | LS | M | TR : Tree or limb En | Inspector Comments: Broken tree limb on landward slope. | | | ° ° 38 |
| 42 | 3.23 | 3.23 | Earthen Levee | Trim / Thin Trees | WSA/W | T1 | Trim trees to at least five feet above ground level. Ma | | | 38.325534 ° 38.325534 ° 19 -121.586273 ° -121.586273 ° | DWR ID: DWR_RD0999_03_s_2012_19 |
| 43 | 3.72 | 3.73 | Earthen Levee | Vegetation | LS | M | V6 | Landscaping En | | | 38.332017 ° 38.332200 ° 22 -121.584807 ° -121.584677 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_03_s_2012_22 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.03 |
| End Levee Mile | 0.04 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at trimmed trees on landside toe. (Spring 2012) | |
| richard_f_20130918_300.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.03 |
| End Levee Mile | 0.04 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northwest at dense fig tree on landward slope and toe. 2013 | |
| richard_f_20130927_475.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.04 |
| End Levee Mile | 0.04 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at prunings on waterward slope. | |
| richard_f_20130927_476.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.04 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at cactus on landside slope during 2011 spring inspection. | |
| richard_f_20130918_303.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.04 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at partially dead cactus plant on landside slope during 2011 fall inspection. | |
| richard_f_20130918_304.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.04 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at removed cactus on landside slope during 2012 spring inspection. | |
| richard_f_20130918_305.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.06 |
| End Levee Mile | 0.06 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at dense vegetation on landside slope near ramp. (Spring 2011) | |
| richard_f_20130918_294.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.06 |
| End Levee Mile | 0.06 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at dense vegetation and cactus on landside slope. (Spring 2012) | |
| richard_f_20130918_295.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.06 |
| End Levee Mile | 0.06 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northeast at vegetation on landside slope and toe. (Fall Inspection 2012) | |
| richard_f_20130918_296.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.07 |
| End Levee Mile | 0.07 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at dense cactus plants on landward slope. | |
| richard_f_20130927_477.JPG | |



| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.16 |
| End Levee Mile | 0.16 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible on LS slope. | |
| UCIP_8140.jpg | |



| | |
|----------------------------|----------------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.21 |
| End Levee Mile | 0.21 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| USACE 2012 Photo #1 | |
| USACE2013_STR_24-7_R_1.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-------------------------|
| N : Not Inspected/Rated |
| C : Corrected |
| |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.21 |
| End Levee Mile | 0.21 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #2

USACE2013_STR_24-7_R_2.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.21 |
| End Levee Mile | 0.21 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #3

USACE2013_STR_24-7_R_3.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 9 |
| Start Levee Mile | 0.44 |
| End Levee Mile | 0.44 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

Looking south at thinned Elderberry on waterside slope.

richard_f_20130918_306.jpg



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.64 |
| End Levee Mile | 0.64 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Elderberries blocking view of landside toe. | |
| <i>richard_f_20130918_307.jpg</i> | |



| | |
|---|---------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 0.67 |
| End Levee Mile | 0.68 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northeast at dense elderberry on waterward slope. | |
| <i>richard_f_20130927_478.JPG</i> | |



| | |
|--|---------------|
| Levee Mile Report Line | 15 |
| Start Levee Mile | 0.73 |
| End Levee Mile | 0.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at prunings on landward berm. | |
| <i>richard_f_20130927_479.JPG</i> | |



| |
|--|
| * Location LS : Land Side WS : Water Side CR : Crown |
|--|

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.96 |
| End Levee Mile | 0.96 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #1



USACE2013_STR_25-2_R_1.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.96 |
| End Levee Mile | 0.96 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #2



USACE2013_STR_25-2_R_2.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.96 |
| End Levee Mile | 0.96 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #3



USACE2013_STR_25-2_R_3.jpg

| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|--------------------------------|
| N : Not Inspected/Rated |
| C : Corrected |
| |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.41 |
| End Levee Mile | 1.41 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #1



USACE2013_STR_25-7_R_1.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.41 |
| End Levee Mile | 1.41 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.41 |
| End Levee Mile | 1.41 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #2



USACE2013_STR_25-7_R_2.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.41 |
| End Levee Mile | 1.41 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.41 |
| End Levee Mile | 1.41 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #3



USACE2013_STR_25-7_R_3.jpg

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--------------------------------|----------------------|
| Levee Mile Report Line | 23 |
| Start Levee Mile | 1.70 |
| End Levee Mile | 1.70 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pumphouse visible on WS slope. | |
| UCIP_8144.jpg | |



| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 25 |
| Start Levee Mile | 2.00 |
| End Levee Mile | 2.00 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible on WS slope. | |
| UCIP_8147.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 26 |
| Start Levee Mile | 2.02 |
| End Levee Mile | 2.02 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking north at willow on landside slope and toe. | |
| richard_f_20130918_313.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 2.54 |
| End Levee Mile | 2.54 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at equipment at landside toe. | |
| richard_f_20130918_316.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 2.54 |
| End Levee Mile | 2.54 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at farm equipment stored at landside toe. (Fall Inspection 2012) | |
| richard_f_20130918_317.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 2.70 |
| End Levee Mile | 2.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at landscaping and dense veg. on landside slope and toe. | |
| richard_f_20130918_311.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 2.70 |
| End Levee Mile | 2.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking south at landscaping and dense veg. on landside slope and toe. | |
| richard_f_20130918_312.jpg | |



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 34 |
| Start Levee Mile | 2.85 |
| End Levee Mile | 2.85 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #1



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 35 |
| Start Levee Mile | 2.89 |
| End Levee Mile | 2.89 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Pumphouse on LS toe.



| |
|---------------|
| UCIP_8154.jpg |
|---------------|

| * Location | ** Rating | + Issue Type | | |
|-----------------|--------------------------|---|-----------------------------------|--|
| LS : Land Side | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 2.89 |
| End Levee Mile | 2.89 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at dense vegetation at landside slope and toe. | |
| richard_f_20130918_309.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 2.89 |
| End Levee Mile | 2.89 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at dense trees on landside toe. | |
| richard_f_20130918_310.jpg | |



| | |
|----------------------------|----------------------|
| Levee Mile Report Line | 40 |
| Start Levee Mile | 3.03 |
| End Levee Mile | 3.03 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| USACE 2012 Photo #1 | |
| USACE2013_STR_27-3_R_1.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 40 |
| Start Levee Mile | 3.03 |
| End Levee Mile | 3.03 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #2

USACE2013_STR_27-3_R_2.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 40 |
| Start Levee Mile | 3.03 |
| End Levee Mile | 3.03 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #3

USACE2013_STR_27-3_R_3.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 3.16 |
| End Levee Mile | 3.16 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Looking southwest at broken tree limb on landward slope.

richard_f_20130927_480.JPG



| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 Sutter Slough | Right | 3.74 | 09/25/2013 09/25/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 43 |
| Start Levee Mile | 3.72 |
| End Levee Mile | 3.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at landscaping on landside slope and toe. (Spring 2011) | |
| richard_f_20130918_314.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 43 |
| Start Levee Mile | 3.72 |
| End Levee Mile | 3.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at trimmed landscaping on landside slope, but still blocking levee slope. | |
| richard_f_20130918_315.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 04 Sacramento River | | | Right | 1.22 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | M | |
| Date of Inspection | 03/20/2013 - 03/20/2013 | | 09/26/2013 - 09/26/2013 | |
| DWR Inspector | Richard Willoughby | | Richard Willoughby | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|--|--|---------------------------------|---------------|----------------------|-----------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.01 | 0.01 | Supplemental USACE Erosion Survey | WS M | Ma | M | Inspector Comments: 1997 - Structural problem rather than erosional, failed cobble at downstream end. 2005 - New brush boxes at waterline for several hundred feet downstream, No toe or bank protection present. 2006 - Some minor new erosion. Brush boxes not working well; most of the brush has floated out. 2007 - Brush boxes have recently been repaired. 2012: New erosion at the toe. [2012 Site ID: SAC_41-9_R] | 38.417692 ° | 38.414387 ° | 8 | |
| | | | | | | | | -121.525083 ° | -121.522871 ° | Y | |
| 2 | 0.05 | 0.05 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | | 38.414642 ° | 38.414642 ° | 15 | |
| | | | | | | | | -121.523430 ° | -121.523430 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_15 | | | |
| 3 | 0.05 | 0.11 | Earthen Levee | Encroachments | LS M En | FE : Fence | | 38.414672 ° | 38.415468 ° | 13 | |
| | | | | | | | | -121.523527 ° | -121.524037 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_13 | | | |
| 4 | 0.07 | 0.07 | Supplemental DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15709 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 2-inch pipe through levee 4.5 feet below crown. Concrete blocks for missing Pump and pressure system visible on WS slope. 8-inch steel standpipe on WS toe with remnants of 2-inch pipe visible at top. Pipe visible at concrete foundation on LS shoulder. Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | | | 38.414881 ° | 38.414881 ° | 23 |
| | | | | | | | | -121.523682 ° | -121.523682 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_23 | | | |
| 5 | 0.14 | 0.14 | Earthen Levee | Encroachments | WSA/W En | PR : Prunings | | 38.415843 ° | 38.415843 ° | 4 | |
| | | | | | | | | -121.524163 ° | -121.524163 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_4 | | | |
| 6 | 0.19 | 0.21 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.416518 ° | 38.416808 ° | 24 | |
| | | | | | | | | -121.524502 ° | -121.524767 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_24 | | | |
| 7 | 0.28 | 0.30 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | ° | ° | 20 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_20 | | | |
| 8 | 0.31 | 0.35 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.418002 ° | 38.418470 ° | 12 | |
| | | | | | | | | -121.525712 ° | -121.526002 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_12 | | | |
| 9 | 0.37 | 0.48 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | 38.418838 ° | 38.420237 ° | 11 | |
| | | | | | | | | -121.526225 ° | -121.527193 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_11 | | | |
| 10 | 0.37 | 0.50 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.418838 ° | 38.420447 ° | 10 | |
| | | | | | | | | -121.526225 ° | -121.527380 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_10 | | | |
| 11 | 0.39 | 0.47 | Earthen Levee | Vegetation | WS En | M | V6 : Landscaping | 38.419137 ° | 38.420078 ° | 1 | |
| | | | | | | | | -121.526280 ° | -121.526913 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_1 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|-------------|---|------------------------|---------------|---------------------------------|-----------|
| LMR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 12 | 0.60 | 0.60 | Earthen Levee | Encroachments | LS Ma | M | TR : Tree or limb Inspector Comments: Downed tree on landward toe and berm. | ° | ° | 21 | |
| | | | | | | | | | | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_21 | |
| 13 | 0.62 | 0.62 | Earthen Levee | Trim / Thin Trees | LS Ma | N | T5 : Tree stumps. | 38.421997 ° | 38.421997 ° | 19 | |
| | | | | | | | | -121.528470 ° | -121.528470 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_19 | |
| 14 | 0.65 | 0.65 | Earthen Levee | Trim / Thin Trees | LS Ma | N | T5 : Tree stumps. | 38.422377 ° | 38.422377 ° | 18 | |
| | | | | | | | | -121.528792 ° | -121.528792 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_18 | |
| 15 | 0.66 | 0.71 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T1 : Trim trees to at least five feet above ground level. | 38.422517 ° | 38.423133 ° | 7 | |
| | | | | | | | | -121.528858 ° | -121.529210 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_7 | |
| 16 | 0.71 | 0.71 | Supplemental DWR UCIP Field Study | LS En | M | EP_NO: 3973 | Inspector Comments: FS_ID:15711 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate broken on LS toe. Appears it may be abandoned. FIELD_STRUCT_DESC: 18-inch steel stormdrain pipe through the levee 4.7 feet below the crown. air vent in 18-inch steel standpipe on the waterward shoulder. Gate valve on the land side toe (Permit No. 3973, 1962). Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | 38.423054 ° | 38.423054 ° | 25 | |
| | | | | | | | | -121.529205 ° | -121.529205 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_25 | |
| 17 | 0.71 | 0.87 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T1 : Trim trees to at least five feet above ground level. | 38.423035 ° | 38.425140 ° | 6 | |
| | | | | | | | | -121.529255 ° | -121.530742 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_6 | |
| 18 | 0.71 | 0.71 | Supplemental DWR UCIP Field Study | LS En | M | EP_NO: 3973 | Inspector Comments: FS_ID:15712 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate broken on LS toe. Appears it may be abandoned. FIELD_STRUCT_DESC: 18-inch steel stormdrain pipe through the levee 4.7 feet below the crown. air vent in 18-inch steel standpipe on the waterward shoulder. Gate valve on the land side toe (Permit No. 3973, 1962). Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | 38.423062 ° | 38.423062 ° | 26 | |
| | | | | | | | | -121.529241 ° | -121.529241 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_26 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | | |
|----------|------------|------|-----------------------------------|-------------------|---------------------|---------------|--|------------------------|----------------------|--------------------|---------------|---------------------------------|---------------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | | | |
| | Start | End | | | | | | End | Photo | | | | |
| 19 | 0.74 | 0.74 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:15725 EP_NO: 10514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 3: 3.5-inch discharge pipe through the levee 3.8 feet below the crown. Siphon breaker at headwall on the waterward slope. (Permit No. 10514, 1974) FS Date: 07/12/2013 | 38.423418 ° | 38.423418 ° | 27 | -121.529486 ° | -121.529486 ° Y | |
| 20 | 0.74 | 0.74 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:15718 EP_NO: 10514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and may need to be abandoned properly. FIELD_STRUCT_DESC: 3 of 3: 3.5-inch galvanized iron effluent pipe sleeved through a 10-inch steel conduit 3.8-feet below the crown. Siphon breaker on pipe at WS headwall. Pipe appears to be capped off LS toe. Pump site with meter on pole off LS toe.(Permit No. 10514, 1974). FS Date: 07/12/2013 | 38.423418 ° | 38.423418 ° | 28 | -121.529486 ° | -121.529486 ° | |
| 21 | 0.75 | 0.75 | Earthen Levee | Trim / Thin Trees | LS N Ma | | T5 : Tree stumps. | 38.423560 ° | 38.423560 ° | 17 | -121.529653 ° | DWR ID: DWR_RD0999_04_s_2012_17 | |
| 22 | 0.81 | 0.81 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:16389 EP_NO: 1624 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and pile structure removed from waterside toe. Steel plate welded over WS end (Permit No. 1624, 1959). Replaces an existing facility north of this location. FS Date: 07/12/2013 | 38.424399 ° | 38.424399 ° | 29 | -121.530178 ° | -121.530178 ° | DWR ID: DWR_RD0999_04_f_2013_29 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|---------------|----------------------|------------|-----------|---|-------------|----------------------|---------------------------------|---------------|---------------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | |
| | Start | End | | | | | Start | End | Photo | | | |
| 23 | 0.81 | 0.81 | Supplemental | DWR UCIP Field Study | LS M En | | Inspector Comments: FS_ID:16388 EP_NO: 1624 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and pile structure removed from waterside toe. Steel plate welded over WS end (Permit No. 1624, 1959). Replaces an existing facility north of this location. FS Date: 07/12/2013 | 38.424399 ° | 38.424399 ° | 30 | -121.530178 ° | -121.530178 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_30 | | |
| 24 | 0.81 | 0.81 | Supplemental | DWR UCIP Field Study | LS M En | | Inspector Comments: FS_ID:15726 EP_NO: 1624 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and pile structure removed from waterside toe. Steel plate welded over WS end (Permit No. 1624, 1959). Replaces an existing facility north of this location. FS Date: 07/12/2013 | 38.424399 ° | 38.424399 ° | 31 | -121.530178 ° | -121.530178 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_31 | | |
| 25 | 0.82 | 0.82 | Earthen Levee | Trim / Thin Trees | LS N Ma | | T5 : Tree stumps. | 38.424432 ° | 38.424432 ° | 14 | -121.530265 ° | -121.530265 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_14 | | |
| 26 | 0.83 | 0.83 | Earthen Levee | Trim / Thin Trees | LS N Ma | | T5 : Tree stumps. | 38.424722 ° | 38.424722 ° | 9 | -121.530470 ° | -121.530470 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_s_2012_9 | | |
| 27 | 0.90 | 0.90 | Supplemental | DWR UCIP Field Study | LS M En | | Inspector Comments: FS_ID:15733 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 4 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS and WS shoulder. FS Date: 07/12/2013 | 38.425514 ° | 38.425514 ° | 32 | -121.530970 ° | -121.530970 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_32 | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|--------------|----------------------|------------|-----------|--|-------------|----------------------|---------------------------------|---------------|-----------------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | |
| | Start | End | | | | | Start | End | Photo | | | |
| 28 | 0.90 | 0.90 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:16385 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Visible in concrete well on LS shoulder. FS Date: 07/12/2013 | 38.425514 ° | 38.425514 ° | 33 | -121.530970 ° | -121.530970 ° Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_33 | | |
| 29 | 0.90 | 0.90 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:16386 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 6 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS shoulder. FS Date: 07/12/2013 | 38.425514 ° | 38.425514 ° | 34 | -121.530970 ° | -121.530970 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_34 | | |
| 30 | 0.90 | 0.90 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15727 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipes abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipes visible in concrete well on LS shoulder. Concrete well on WS shoulder is visible, but access is covered with soil. FS Date: 07/12/2013 | 38.425514 ° | 38.425514 ° | 35 | -121.530970 ° | -121.530970 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_35 | | |
| 31 | 0.90 | 0.90 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15728 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 2 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS shoulder and likely in covered concrete well on WS shoulder. FS Date: 07/12/2013 | 38.425514 ° | 38.425514 ° | 36 | -121.530970 ° | -121.530970 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_04_f_2013_36 | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|-----------------------------------|-------------------|--|---|----------------|-------------|----------------------|-----------------------------|--------------------------------|---------------------------------|
| L/MR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | |
| | Start | End | | | | | Start | End | Photo | | | |
| 32 | 0.90 | 0.90 | Supplemental DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:15729 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Visible in concrete well on LS shoulder. FS Date: 07/12/2013 | | | 38.425514 ° | 38.425514 ° | 37 | -121.530970 ° -121.530970 ° | DWR ID: DWR_RD0999_04_f_2013_37 |
| 33 | 0.90 | 0.90 | Supplemental DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:16384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 3 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS and WS shoulders. FS Date: 07/12/2013 | | | 38.425514 ° | 38.425514 ° | 38 | -121.530970 ° -121.530970 ° | DWR ID: DWR_RD0999_04_f_2013_38 |
| 34 | 0.90 | 0.90 | Supplemental DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:15732 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 3 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS and WS shoulders. FS Date: 07/12/2013 | | | 38.425514 ° | 38.425514 ° | 39 | -121.530970 ° -121.530970 ° | DWR ID: DWR_RD0999_04_f_2013_39 |
| 35 | 0.90 | 0.90 | Supplemental DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:15730 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 6 of 6: *Abandoned* 3.5-inch pipe through levee 2.5 feet below crown. Pipe visible in concrete well on LS shoulder. FS Date: 07/12/2013 | | | 38.425514 ° | 38.425514 ° | 40 | -121.530970 ° -121.530970 ° | DWR ID: DWR_RD0999_04_f_2013_40 |
| 36 | 0.91 | 0.91 | Earthen Levee | Trim / Thin Trees | LS A/W En | T1 : Trim trees to at least five feet above ground level. | 38.425607 ° | 38.425607 ° | 2 | -121.530937 ° -121.530937 ° | DWR ID: DWR_RD0999_04_s_2012_2 | |
| 37 | 0.94 | 0.97 | Earthen Levee | Trim / Thin Trees | WSA/W En | T1 : Trim trees to at least five feet above ground level. | 38.425972 ° | 38.426500 ° | 3 | -121.531228 ° -121.531560 ° | DWR ID: DWR_RD0999_04_s_2012_3 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|-----------|
| ** Rating |
|-----------|

| | |
|--|---|
| A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|--|---|

| |
|--------------|
| + Issue Type |
|--------------|

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|---------------------------------|------------|------|---------------|----------------------|------------|-----------|--|-------------|----------------------|------------------------|---------------|-----------------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | |
| | Start | End | | | | | Start | End | Photo | | | |
| 38 | 0.99 | 0.99 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15734 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch pipe through the levee 13.0 feet below the crown. Pipe measures 16-inches in diameter on WS and 24-inches on the LS toe. Gate valve in 9'X18' concrete well on the waterward slope. Slant pump missing from waterward slope. Concrete distribution house/box at LS toe. 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | 38.426673 ° | 38.426673 ° | 41 | -121.531693 ° | -121.531693 ° Y |
| 39 | 1.00 | 1.00 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:16387 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch pipe through the levee 13.0 feet below the crown. Pipe measures 16-inches in diameter on WS and 24-inches on the LS toe. Gate valve in 9'X18' concrete well on the waterward slope. Slant pump missing from waterward slope. Concrete distribution house/box at LS toe. 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | 38.426709 ° | 38.426709 ° | 42 | -121.531725 ° | -121.531725 ° |
| 40 | 1.00 | 1.00 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15736 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch pipe through the levee 13.0 feet below the crown. Pipe measures 16-inches in diameter on WS and 24-inches on the LS toe. Gate valve in 9'X18' concrete well on the waterward slope. Slant pump missing from waterward slope. Concrete distribution house/box at LS toe. 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 07/12/2013 | 38.426709 ° | 38.426709 ° | 43 | -121.531725 ° | -121.531725 ° |
| 41 | 1.04 | 1.04 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.427295 ° | 38.427295 ° | 16 | -121.532164 ° | -121.532164 ° Y |
| DWR ID: DWR_RD0999_04_f_2013_41 | | | | | | | | | | | | |
| DWR ID: DWR_RD0999_04_f_2013_42 | | | | | | | | | | | | |
| DWR ID: DWR_RD0999_04_f_2013_43 | | | | | | | | | | | | |
| DWR ID: DWR_RD0999_04_f_2012_16 | | | | | | | | | | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|---------------|-------------------|---------------------|---------------|---|-------------|----------------------|------------------------|-----------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | Start | End | Photo | | |
| 42 | 1.15 | 1.15 | Earthen Levee | Vegetation | LS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berry vines and wild roses on landside toe. | 38.428823 ° | 38.428823 ° | 5 -121.532885 ° | -121.532885 ° Y |
| 43 | 1.20 | 1.22 | Earthen Levee | Trim / Thin Trees | LS | M Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | ° | ° | 22 ° | ° Y |

DWR ID: DWR_RD0999_04_s_2012_5

DWR ID: DWR_RD0999_04_f_2013_22

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.01 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

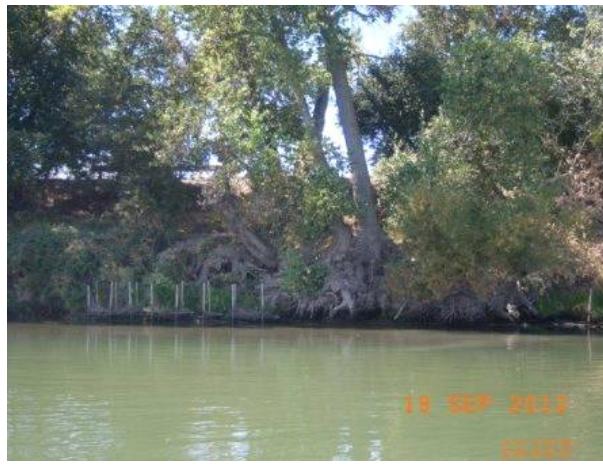
USACE 2012 Photo #1



USACE2013_SAC_41-9_R_1.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.01 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

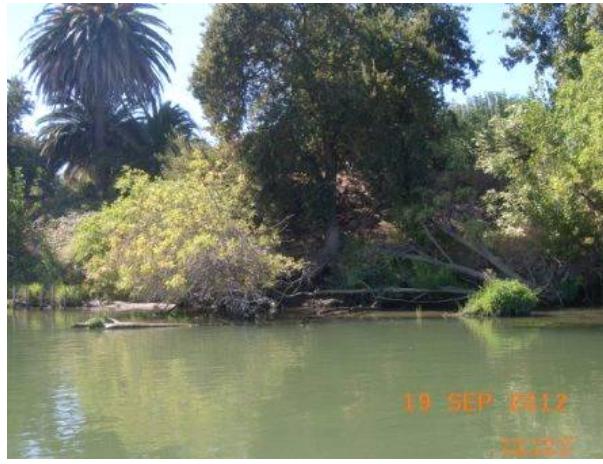
USACE 2012 Photo #2



USACE2013_SAC_41-9_R_2.jpg

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.01 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #3



USACE2013_SAC_41-9_R_3.jpg

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|--|----------------------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.05 |
| End Levee Mile | 0.11 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Cyclone fence along landside shoulder at LM 0.05 -0.11 | richard_f_20130918_344.jpg |



| | |
|--|----------------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.07 |
| End Levee Mile | 0.07 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible at top of steel standpipe. Foundation for pump station visible on WS slope. | UCIP_8610.jpg |



| | |
|--|----------------------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.28 |
| End Levee Mile | 0.30 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at dense landscaping on landward slope. | richard_f_20130930_505.JPG |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.31 |
| End Levee Mile | 0.35 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at dense veg. on landside shoulder and slope. | |
| richard_f_20130918_342.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.31 |
| End Levee Mile | 0.35 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at dense veg. on landside slope and toe. | |
| richard_f_20130918_343.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 9 |
| Start Levee Mile | 0.37 |
| End Levee Mile | 0.48 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at century plants on landside shoulder and slope. | |
| richard_f_20130918_341.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.37 |
| End Levee Mile | 0.50 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at dense trees on waterside slope. | |
| richard_f_20130918_339.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.37 |
| End Levee Mile | 0.50 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northwest at dense trees on landside slope and toe. | |
| richard_f_20130918_340.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 0.39 |
| End Levee Mile | 0.47 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at rose bushes on waterside slope. | |
| richard_f_20130918_331.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 0.60 |
| End Levee Mile | 0.60 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Looking west at dead tree on landward toe and berm.

richard_f_20130930_506.JPG



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 0.71 |
| End Levee Mile | 0.71 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Electrical panel, water meter, and gate valve on LS toe.

UCIP_8615.jpg



| | |
|------------------------|-------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.71 |
| End Levee Mile | 0.87 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |

Looking south at trimmed trees on landside slope and removed fence.

richard_f_20130918_334.JPG



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.71 |
| End Levee Mile | 0.87 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking north at trimmed trees and removed fence on landside slope. | |
| richard_f_20130918_335.jpg | |



| | |
|----------------------------------|----------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 0.74 |
| End Levee Mile | 0.74 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe with gate valve off LS toe. | |
| UCIP_8621.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 0.81 |
| End Levee Mile | 0.81 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe and vent/siphon breaker on LS slope. | |
| UCIP_8624.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|--|----------------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 0.90 |
| End Levee Mile | 0.90 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe in concrete vault on LS shoulder. | |
| UCIP_9151.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 38 |
| Start Levee Mile | 0.99 |
| End Levee Mile | 0.99 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Slide gate in 9'X18' concrete box on WS slope. | |
| UCIP_8637.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 1.04 |
| End Levee Mile | 1.04 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking south at dense berryvines on landside toe. 2012 | |
| richard_f_20130918_345.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 1.04 |
| End Levee Mile | 1.04 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at dense berry vines at landward toe. 2013 | |
| richard_f_20130930_507.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 42 |
| Start Levee Mile | 1.15 |
| End Levee Mile | 1.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at dense wild roses and berry vines on landside toe near ramp. | |
| richard_f_20130918_332.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 42 |
| Start Levee Mile | 1.15 |
| End Levee Mile | 1.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at dense vegetation on landside slope near ramp. | |
| richard_f_20130918_333.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 04 Sacramento River | Right | 1.22 | 09/26/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 43 |
| Start Levee Mile | 1.20 |
| End Levee Mile | 1.22 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking south at dense trees on landward slope. | |
| richard_f_20130930_508.JPG | |



| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 0999 Netherlands

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 05 Elk Slough | | | Right | 9.66 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 03/20/2013 - 03/20/2013 | | 09/25/2013 - 09/26/2013 | |
| DWR Inspector | Richard Willoughby | | Richard Willoughby | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|-----------|--|---------------------------|---------------------------|----------------------------------|-----------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.02 | 9.47 | Supplemental USACE Erosion Survey | WS M Ob | | | Inspector Comments: 1997 - Most of lower Elk Slough contains high near vertical banks, with erosion into the levee slope. Channel almost appears incised. 2002 - Sites where the levee slope is near vertical and severely eroding. It could fail catastrophically. 2004 - Looks bad in terms of vertical slopes and fallen trees. 2005 - Banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2006 - Both banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2010 - The entire reach is in poor condition, with severely eroding near vertical slopes, needs a regional repair. 2011 - Channel banks are still oversteepened with erosion continuing. 2012: No observed change. [2012 Site ID: ELK_0-2_R] | 38.414157 ° -121.523156 ° | 38.332643 ° -121.584449 ° | 94 Y | |
| 2 | 0.10 | 0.10 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove small oak trees from landward slope before trees are establish. | ° | ° | 72 Y | |
| 3 | 0.20 | 0.20 | Earthen Levee | Trim / Thin Trees | LS Ma | N | T5 : Tree stumps. | 38.335209 ° -121.583966 ° | 38.335209 ° -121.583966 ° | 4 DWR ID: DWR_RD0999_05_s_2012_4 | |
| 4 | 0.23 | 0.23 | Supplemental DWR UCIP Field Study | UCIP | LS En | M | Inspector Comments: FS_ID:15411 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Walkway to pump on pier is falling apart and should be removed. FIELD_STRUCT_DESC: 12-inch pipe through levee 11.0 feet below crown. 10-inch pipe visible on slopes and at Slant pump on waterward slope (Pump on structure removed). Additional slant pump on WS slope ties into pipe at WS. 30-inch steel standpipe on LS toe. Butterfly valves located on both sides of levee. 3'X3' steel junction box on WS shoulder and a 31"X60" steel junction box on LS shoulder. Service pole on both slopes. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.335568 ° -121.583780 ° | 38.335568 ° -121.583780 ° | 159 Y | |
| 5 | 0.27 | 0.32 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 38.336113 ° -121.583418 ° | 38.336663 ° -121.583027 ° | 1 DWR ID: DWR_RD0999_05_s_2012_1 | |
| 6 | 0.35 | 0.35 | Earthen Levee | Trim / Thin Trees | LS Ma | N | T5 : Tree stumps. | 38.337089 ° -121.582756 ° | 38.337089 ° -121.582756 ° | 5 DWR ID: DWR_RD0999_05_s_2012_5 | |
| 7 | 0.40 | 0.40 | Earthen Levee | Trim / Thin Trees | LS En | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.337654 ° -121.582427 ° | 38.337654 ° -121.582427 ° | 8 Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_8 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|------------------------|------------|------|-----------------------------------|-------------------|------------|---|------------------------------|------------------------------|--------------------------|----------------------------------|-----------|
| Unit No. 05 Elk Slough | | | | | | | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby | |
| LMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | | | | Start | End |
| 8 | 0.40 | 0.41 | Earthen Levee | Trim / Thin Trees | WSA/W En | T1 : Trim trees to at least five feet above ground level. | 38.337697 ° -121.582420 ° | 38.337963 ° -121.582352 ° | 3 | DWR ID: DWR_RD0999_05_s_2012_3 | |
| 9 | 0.40 | 0.40 | Earthen Levee | Vegetation | LS Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.337753 ° -121.582445 ° | 38.337753 ° -121.582445 ° | 53 | DWR ID: DWR_RD0999_05_s_2012_53 | |
| 10 | 0.43 | 0.47 | Earthen Levee | Vegetation | LS Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Elderberries within vegetation area. | 38.338075 ° -121.582322 ° | 38.338688 ° -121.582193 ° | 25 Y | DWR ID: DWR_RD0999_05_s_2012_25 | |
| 11 | 0.47 | 0.48 | Earthen Levee | Encroachments | WS Ma | PR : Prunings | 38.338647 ° -121.582217 ° | 38.338868 ° -121.582163 ° | 26 Y | DWR ID: DWR_RD0999_05_s_2012_26 | |
| 12 | 0.50 | 0.54 | Earthen Levee | Trim / Thin Trees | LS Ma | T1 : Trim trees to at least five feet above ground level. | ° ° | ° ° | 135 | DWR ID: DWR_RD0999_05_f_2013_135 | |
| 13 | 0.53 | 0.53 | Supplemental DWR UCIP Field Study | | LS En | Inspector Comments: FS_ID:15412 EP_NO: 6081 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement along LS and WS slopes. Good candidated for video inspection. FIELD_STRUCT_DESC: 10-inch steel pipe through levee 3.3 feet below crown. Pump and butterfly valve in pump house on waterward slope. Vent in 10-inch steel standpipe on LS slope (Permit No. 6081,1968). Replaces an existing 10-inch pipe. FS Date: 06/27/2013 | 38.339592 ° -121.582090 ° | 38.339592 ° -121.582090 ° | 160 Y | DWR ID: DWR_RD0999_05_f_2013_160 | |
| 14 | 0.53 | 0.53 | Supplemental DWR UCIP Field Study | | LS En | Inspector Comments: FS_ID:15413 EP_NO: 6081 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement along LS and WS slopes. Good candidated for video inspection. FIELD_STRUCT_DESC: 10-inch steel pipe through levee 3.3 feet below crown. Pump and butterfly valve in pump house on waterward slope. Vent in 10-inch steel standpipe on LS slope (Permit No. 6081,1968). Replaces an existing 10-inch pipe. FS Date: 06/27/2013 | 38.339607 ° -121.582091 ° | 38.339607 ° -121.582091 ° | 161 | DWR ID: DWR_RD0999_05_f_2013_161 | |
| 15 | 0.56 | 0.61 | Earthen Levee | Trim / Thin Trees | LS En | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.340070 ° -121.581980 ° | 38.340623 ° -121.581872 ° | 7 | DWR ID: DWR_RD0999_05_s_2012_7 | |
| 16 | 0.56 | 0.60 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.340124 ° -121.582039 ° | 38.340560 ° -121.581905 ° | 27 | DWR ID: DWR_RD0999_05_s_2012_27 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | |
|--------------------------|-----------------------------------|
| ** Rating | + Issue Type |
| A : Acceptable | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | En : Enforcement |

FINAL DATA

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|---------------------|---------------|--|----------------------------------|----------------------|--------------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start |
| | Start | End | | | | | | End | Photo | |
| 17 | 0.61 | 0.61 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:15414 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 16-inch pipe through levee 6.0 feet below crown. Concrete pumphouse on WS slope. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.340651 ° | 38.340651 ° | 162 |
| | | | | | | | | -121.581861 ° | -121.581861 ° | Y |
| 18 | 0.62 | 0.64 | Earthen Levee | Trim / Thin Trees | LS M En | | T1 : Trim trees to at least five feet above ground level. | 38.340775 ° | 38.341025 ° | 98 |
| | | | | | | | | -121.581803 ° | -121.581665 ° | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_98 | | |
| 19 | 0.72 | 0.74 | Earthen Levee | Trim / Thin Trees | LS M Ma | | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: District or Landowner trimmed trees to a moderate density. Still need to remove more limbs. | 38.342180 ° | 38.342537 ° | 9 |
| | | | | | | | | -121.581230 ° | -121.581263 ° | Y |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_9 | | |
| 20 | 0.75 | 0.75 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:15450 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 6-inch pipe through levee 11.5 feet below crown. Pump and gate valve in pump house on the waterward slope. 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.342653 ° | 38.342653 ° | 163 |
| | | | | | | | | -121.581236 ° | -121.581236 ° | Y |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_163 | | |
| 21 | 0.75 | 0.75 | Supplemental DWR UCIP Field Study | | LS M En | | Inspector Comments: FS_ID:15415 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 6-inch pipe through levee 11.5 feet below crown. Pump and gate valve in pump house on the waterward slope. 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.342653 ° | 38.342653 ° | 164 |
| | | | | | | | | -121.581236 ° | -121.581236 ° | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_164 | | |
| 22 | 0.78 | 0.94 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.343058 ° | 38.345210 ° | 10 |
| | | | | | | | | -121.581263 ° | -121.580713 ° | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_10 | | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|---------------------|--|---|------------------------|-------------|----------------------|----------------------------------|
| L/MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Start | End | | | | | | Start | End | | |
| 23 | 0.80 | 0.80 | Earthen Levee | Encroachments | LS En | M | BU : Building Inspector Comments: Storage shed at landside toe and within the 10' easement. | 38.343358 ° | 38.343358 ° | 23 | -121.581295 ° -121.581295 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2012_23 |
| 24 | 0.81 | 0.81 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.343495 ° | 38.343495 ° | 128 | -121.581282 ° -121.581282 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_128 |
| 25 | 0.84 | 0.94 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.343825 ° | 38.345215 ° | 11 | -121.581133 ° -121.580728 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_11 |
| 26 | 0.84 | 0.94 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.343863 ° | 38.345275 ° | 6 | -121.581198 ° -121.580740 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_6 |
| 27 | 0.95 | 1.09 | Earthen Levee | Vegetation | WSA/W En | V2 : Remove the wild growth other than native grasses from the levee slopes. | | 38.345402 ° | 38.347133 ° | 13 | -121.580655 ° -121.579573 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_13 |
| 28 | 0.99 | 1.02 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Fencing on landward slope | ° | ° | 136 | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_136 |
| 29 | 1.04 | 1.06 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | ° | ° | 146 | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_146 |
| 30 | 1.11 | 1.15 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.347427 ° | 38.347863 ° | 14 | -121.579395 ° -121.579113 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_14 |
| 31 | 1.17 | 1.17 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:16336 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be removed. FIELD_STRUCT_DESC: *Abandoned*10-inch steel irrigation pipe through levee 6.5-feet below crown. Pipe extends under metal walkway on WS shoulder. FS Date: 06/27/2013 | 38.348113 ° | 38.348113 ° | 165 | -121.578841 ° -121.578841 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_165 |
| 32 | 1.17 | 1.17 | Earthen Levee | Encroachments | WS En | M | BU : Building Inspector Comments: Building is next to 10-inch pipe and pump station on waterside of levee. Building is not permitted. | ° | ° | 137 | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_137 |
| 33 | 1.19 | 1.19 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | ° | ° | 147 | ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_147 |
| 34 | 1.20 | 1.24 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.348237 ° | 38.348328 ° | 15 | -121.578440 ° -121.577735 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_15 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| |
|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable |
|---|

| |
|---|
| N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|--------------------------|-------------------|------------|---|--|----------------------------------|---------------|----------------------|-----------|
| MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 35 | 1.20 | 1.20 | Earthen Levee | Encroachments | LS En | M | AV : Abandoned vehicles Inspector Comments: Abandoned vehicle at landward toe. | ° | ° | 148 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_148 | | | |
| 36 | 1.24 | 1.27 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Fence is located on landside shoulder. | 38.348336 ° | 38.348332 ° | 76 | |
| | | | | | | | | -121.577621 ° | -121.577172 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_76 | | | |
| 37 | 1.34 | 1.40 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping Inspector Comments: Control landscaping on landward slope. | 38.348267 ° | 38.348188 ° | 2 | |
| | | | | | | | | -121.575802 ° | -121.574690 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_2 | | | |
| 38 | 1.34 | 1.34 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.348252 ° | 38.348252 ° | 36 | |
| | | | | | | | | -121.575704 ° | -121.575704 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_36 | | | |
| 39 | 1.38 | 1.41 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping Inspector Comments: Large cactus plants on landward slope. | ° | ° | 149 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_149 | | | |
| 40 | 1.43 | 1.46 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berry vines and century plants on landside toe and slope. | 38.348100 ° | 38.348100 ° | 129 | |
| | | | | | | | | -121.574075 ° | -121.574075 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_129 | | | |
| 41 | 1.51 | 1.88 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.348670 ° | 38.353852 ° | 18 | |
| | | | | | | | | -121.573320 ° | -121.573570 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_18 | | | |
| 42 | 1.54 | 1.57 | Earthen Levee | Animal Control | WS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 38.349152 ° | 38.349582 ° | 19 | |
| | | | | | | | | -121.573493 ° | -121.573538 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_19 | | | |
| 43 | 1.59 | 1.65 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.349835 ° | 38.350717 ° | 20 | | |
| | | | | | | | | -121.573643 ° | -121.573887 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_20 | | | |
| 44 | 1.75 | 1.81 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 : Trim trees to at least five feet above ground level. | 38.352088 ° | 38.352968 ° | 21 | | |
| | | | | | | | | -121.574052 ° | -121.574008 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_21 | | | |
| 45 | 1.88 | 1.88 | Supplemental Field Study | DWR UCIP | WS En | M | Inspector Comments: FS_ID:15421 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch pipe through levee 4.7 feet below crown. Pump house on the waterward slope. Both ends open. Originally included in the 1966 O&M manual. FS Date: 06/27/2013 | 38.353864 ° | 38.353864 ° | 166 | |
| | | | | | | | | -121.573577 ° | -121.573577 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_166 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-------------------|---------------------|---------------|--|------------------------------|------------------------------|----------------------|----------------------------------|
| MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Levee Mile | End | | | | | | Start | End | | |
| 46 | 1.97 | 1.97 | Earthen Levee | Encroachments | LS Ma | M | GA : Garbage Inspector Comments: Sofa on waterward shoulder. | ° | ° | 150 | DWR ID: DWR_RD0999_05_f_2013_150 |
| 47 | 1.97 | 1.97 | Earthen Levee | Encroachments | WS Ma | M | MA : Material Inspector Comments: Concrete rubble should be removed or broken up and spread out at waterward toe. | 38.354888 ° -121.572540 ° | 38.354888 ° -121.572540 ° | 22 | DWR ID: DWR_RD0999_05_s_2012_22 |
| 48 | 2.06 | 2.06 | Earthen Levee | Encroachments | WS Ma | M | MA : Material Inspector Comments: District placed large concrete rubble on ramp to block access. District should remove concrete rubble and use a different method to block access. | 38.355531 ° -121.571374 ° | 38.355531 ° -121.571374 ° | 80 | DWR ID: DWR_RD0999_05_s_2012_80 |
| 49 | 2.20 | 2.22 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.355402 ° -121.568893 ° | 38.355282 ° -121.568547 ° | 24 | DWR ID: DWR_RD0999_05_s_2012_24 |
| 50 | 2.33 | 2.35 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 | T1 : Trim trees to at least five feet above ground level. | 38.354474 ° -121.566701 ° | 38.354555 ° -121.566191 ° | 40 | DWR ID: DWR_RD0999_05_s_2012_40 |
| 51 | 2.41 | 2.53 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 38.354916 ° -121.565167 ° | 38.355982 ° -121.563561 ° | 42 | DWR ID: DWR_RD0999_05_s_2012_42 |
| 52 | 2.50 | 2.50 | Earthen Levee | Encroachments | LS Ma | M | TR : Tree or limb Inspector Comments: Downed tree limbs on landward shoulder. | ° | ° | 151 | DWR ID: DWR_RD0999_05_f_2013_151 |
| 53 | 2.65 | 2.70 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.357371 ° -121.562500 ° | 38.358132 ° -121.562347 ° | 82 | DWR ID: DWR_RD0999_05_s_2012_82 |
| 54 | 2.76 | 2.76 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T2 | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 38.358888 ° -121.562280 ° | 38.358888 ° -121.562280 ° | 73 | DWR ID: DWR_RD0999_05_s_2012_73 |
| 55 | 2.93 | 3.15 | Earthen Levee | Encroachments | LS En | M | DT : Ditch Inspector Comments: Irrigation ditch at landward toe. | ° | ° | 152 | DWR ID: DWR_RD0999_05_f_2013_152 |
| 56 | 2.93 | 3.19 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.361268 ° -121.563263 ° | 38.364373 ° -121.561947 ° | 29 | DWR ID: DWR_RD0999_05_s_2012_29 |
| 57 | 3.04 | 3.10 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T3 | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.362813 ° -121.563332 ° | 38.363558 ° -121.563017 ° | 30 | DWR ID: DWR_RD0999_05_s_2012_30 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|---------------|---------------------------------------|---------------------|---------------|---|------------------------|-------------|----------------------|---------------|----------------------------------|---|
| IMR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo | | |
| | Start | End | | | | | | Start | End | | | | |
| 58 | 3.09 | 3.09 | Supplemental | DWR UCIP Field Study | LS En | U | Inspector Comments: FS_ID:15429 EP_NO: 7378 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe outlet is eroding the LS slope of the levee, exposing the roots of an oak and threatening greater damage if allowed to continue. FIELD_STRUCT_DESC: 10-inch steel pipe through levee 6-feet below crown. Slant pump and service pole on the waterward slope. 36-inch concrete standpipe on LS toe (Permit No. 7378, 1971). Replaced an existing 8-inch pipe at the same location. FS Date: 06/28/2013 | 38.363420 ° | 38.363420 ° | 167 | -121.563102 ° | -121.563102 ° | Y |
| 59 | 3.19 | 3.24 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | 38.364392 ° | 38.364597 ° | 31 | -121.561882 ° | -121.561087 ° | Y |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_31 | |
| 60 | 3.20 | 3.20 | Earthen Levee | Encroachments | LS En | A/W | TR : Tree or limb Inspector Comments: Downed tree limb on landside shoulder within landscape area. | 38.364480 ° | 38.364480 ° | 79 | -121.561610 ° | -121.561610 ° | |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_79 | |
| 61 | 3.20 | 3.68 | Earthen Levee | Encroachments | LS En | M | DT : Ditch Inspector Comments: Abandoned irrigation ditch at landward toe. | ° | ° | 153 | ° | ° | Y |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_153 | |
| 62 | 3.29 | 3.37 | Earthen Levee | Trim / Thin Trees | LS Ma | A/W | T1 : Trim trees to at least five feet above ground level. | 38.364552 ° | 38.364225 ° | 33 | -121.560137 ° | -121.558852 ° | |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_33 | |
| 63 | 3.34 | 3.43 | Earthen Levee | Crown Surface / Depressions / Rutting | CR Ma | M | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | ° | ° | 138 | ° | ° | |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_138 | |
| 64 | 3.50 | 3.53 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | | T1 : Trim trees to at least five feet above ground level. | 38.364113 ° | 38.364542 ° | 34 | -121.556507 ° | -121.556402 ° | |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_34 | |
| 65 | 3.61 | 3.71 | Earthen Levee | Vegetation | LS En | A/W | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.365678 ° | 38.367087 ° | 12 | -121.556693 ° | -121.556725 ° | |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_12 | |
| 66 | 3.62 | 3.72 | Earthen Levee | Encroachments | LS En | M | FE : Fence | 38.365711 ° | 38.367107 ° | 83 | -121.556714 ° | -121.556745 ° | Y |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_83 | |
| 67 | 3.70 | 3.70 | Earthen Levee | Encroachments | LS Ma | M | EQ : Equipment | 38.366958 ° | 38.366958 ° | 16 | -121.556822 ° | -121.556822 ° | Y |
| | | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_16 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|---------------------------------------|------------|----------|---|----------------------------------|---------------|----------------------|-----------|
| IMR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 68 | 3.74 | 3.74 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:16337 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No. for this crossing. FIELD_STRUCT_DESC: 9-inch steel irrigation pipe through levee 2-feet below crown. Pump on pier on WS with butterfly valve. Filter plant and siphon breaker on LS toe 1.5-inch galvanized iron electrical at same location. FS Date: 06/28/2013 | 38.367469 ° | 38.367469 ° | 168 | |
| | | | | | | | | -121.556509 ° | -121.556509 ° | Y | |
| 69 | 3.75 | 3.83 | Earthen Levee | Encroachments | LS En | M | FE : Fence | 38.367500 ° | 38.367997 ° | 85 | |
| | | | | | | | | -121.556478 ° | -121.555348 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_85 | | | |
| 70 | 3.79 | 3.95 | Earthen Levee | Encroachments | WS En | M | FE : Fence Inspector Comments: Fencing is for live stock. | 38.367644 ° | 38.368288 ° | 84 | |
| | | | | | | | | -121.556012 ° | -121.553118 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_84 | | | |
| 71 | 3.95 | 4.00 | Earthen Levee | Encroachments | LS Ma | M | GA : Garbage Inspector Comments: Garbage and Prunings also located at site. | 38.368307 ° | 38.368307 ° | 17 | |
| | | | | | | | | -121.552955 ° | -121.552955 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_17 | | | |
| 72 | 4.01 | 4.01 | Earthen Levee | Crown Surface / Depressions / Rutting | CR A/W Ma | C1 | Add appropriate material and re-grade the levee to bring the crown above the design elevation. | ° | ° | 139 | |
| | | | | | | | | ° | ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_139 | | | |
| 73 | 4.05 | 4.12 | Earthen Levee | Trim / Thin Trees | WS A/W Ma | T3 | Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.369440 ° | 38.370398 ° | 41 | |
| | | | | | | | | -121.552747 ° | -121.553373 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_41 | | | |
| 74 | 4.30 | 4.30 | Earthen Levee | Encroachments | WS En | M | PR : Prunings | 38.372672 ° | 38.372672 ° | 35 | |
| | | | | | | | | -121.552380 ° | -121.552380 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_35 | | | |
| 75 | 4.37 | 4.37 | Earthen Levee | Vegetation | WS En | M | V6 : Landscaping Inspector Comments: Century plant on waterside slope. | 38.373517 ° | 38.373517 ° | 55 | |
| | | | | | | | | -121.551867 ° | -121.551867 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_55 | | | |
| 76 | 4.38 | 4.41 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping Inspector Comments: Landowner has trimmed landscape, but still blocking view. | 38.373625 ° | 38.373907 ° | 44 | |
| | | | | | | | | -121.551787 ° | -121.551607 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_44 | | | |
| 77 | 4.42 | 4.43 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.374160 ° | 38.374410 ° | 45 | |
| | | | | | | | | -121.551408 ° | -121.551157 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_45 | | | |
| 78 | 4.43 | 4.43 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.374215 ° | 38.374215 ° | 28 | |
| | | | | | | | | -121.551352 ° | -121.551352 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2012_28 | | | |
| 79 | 4.43 | 4.43 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | 38.374410 ° | 38.374410 ° | 56 | |
| | | | | | | | | -121.551173 ° | -121.551173 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_56 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------------|------|-----------------------------------|-------------------|------------|--|---------------------------|---------------------------|------------|----------------------------------|--------------------|
| Unit No. 05 Elk Slough | | | | | | | | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 80 | 4.44 | 4.52 | Earthen Levee | Vegetation | LS Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 38.374393 ° -121.551187 ° | 38.375008 ° -121.550085 ° | 37 | DWR ID: DWR_RD0999_05_s_2012_37 | |
| 81 | 4.44 | 4.44 | Supplemental DWR UCIP Field Study | | LS En | Inspector Comments: FS_ID:16338 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing should be permitted or removed. FIELD_STRUCT_DESC: 2-inch plastic water line through the levee 6-inch below the crown. Portable pump on the WS toe. FS Date: 06/28/2013 | 38.374376 ° -121.551201 ° | 38.374376 ° -121.551201 ° | 169 Y | DWR ID: DWR_RD0999_05_f_2013_169 | |
| 82 | 4.45 | 4.45 | Earthen Levee | Trim / Thin Trees | LS Ma | T1 : Trim trees to at least five feet above ground level. | ° ° | ° ° | 130 | DWR ID: DWR_RD0999_05_f_2013_130 | |
| 83 | 4.48 | 4.53 | Earthen Levee | Trim / Thin Trees | LS Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.374866 ° -121.550491 ° | 38.375061 ° -121.549800 ° | 57 | DWR ID: DWR_RD0999_05_s_2012_57 | |
| 84 | 4.52 | 4.52 | Supplemental DWR UCIP Field Study | | LS En | Inspector Comments: FS_ID:16403 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing or remove it. FIELD_STRUCT_DESC: 5-inch temporary alluminum pipe over the top of the levee. Portable pump on the WS toe. FS Date: 06/28/2013 | 38.375036 ° -121.549961 ° | 38.375036 ° -121.549961 ° | 170 Y | DWR ID: DWR_RD0999_05_f_2013_170 | |
| 85 | 4.52 | 4.52 | Supplemental DWR UCIP Field Study | | LS En | Inspector Comments: FS_ID:16339 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing or remove it. FIELD_STRUCT_DESC: 5-inch temporary alluminum pipe over the top of the levee. Portable pump on the WS toe. FS Date: 06/28/2013 | 38.375036 ° -121.549961 ° | 38.375036 ° -121.549961 ° | 171 | DWR ID: DWR_RD0999_05_f_2013_171 | |
| 86 | 4.53 | 4.53 | Earthen Levee | Encroachments | WS En | EQ : Equipment Inspector Comments: Propane tank on waterside slope within the twenty foot zone. | 38.375027 ° -121.549883 ° | 38.375027 ° -121.549883 ° | 131 Y | DWR ID: DWR_RD0999_05_s_2012_131 | |
| 87 | 4.55 | 4.61 | Earthen Levee | Trim / Thin Trees | LS A/W Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.375072 ° -121.549547 ° | 38.375057 ° -121.548357 ° | 47 | DWR ID: DWR_RD0999_05_s_2012_47 | |
| 88 | 4.57 | 4.68 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.375099 ° -121.549068 ° | 38.375211 ° -121.547158 ° | 58 | DWR ID: DWR_RD0999_05_s_2012_58 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | |
|---|-----------------------------------|
| ** Rating | + Issue Type |
| A : Acceptable | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | En : Enforcement |
| A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | | |
|----------|------------|------|-----------------------------------|---------------------------------------|------------|--|----------------|------------|----------------------|--|----------------------------------|---|----------------------------------|
| MR No | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | | |
| | Start | End | | | | | Start | End | Photo | | | | |
| 89 | 4.59 | 4.72 | Earthen Levee | Trim / Thin Trees | LS A/W | T2 : Thin trees to allow visibility of the ground and room to Ma flood fight. | | | | 38.375055 ° 38.375313 ° 38 -121.548792 ° -121.546438 ° Y | DWR ID: DWR_RD0999_05_s_2012_38 | | |
| 90 | 4.60 | 4.66 | Earthen Levee | Animal Control | LS M | A1 : Exterminate rodents and backfill and compact or Ma grout burrows. | | | | 38.375050 ° 38.375077 ° 49 -121.548717 ° -121.547512 ° | DWR ID: DWR_RD0999_05_s_2012_49 | | |
| 91 | 4.61 | 4.83 | Earthen Levee | Crown Surface / Depressions / Rutting | CR M | C1 : Add appropriate material and re-grade the levee to Ma bring the crown above the design elevation. | | | | 38.375045 ° 38.376075 ° 32 -121.548383 ° -121.544801 ° Y | DWR ID: DWR_RD0999_05_f_2012_32 | | |
| 92 | 4.73 | 4.73 | Earthen Levee | Trim / Thin Trees | WS N | T5 : Tree stumps. Ma | | | | 38.375360 ° 38.375360 ° 62 -121.546291 ° -121.546291 ° | DWR ID: DWR_RD0999_05_s_2012_62 | | |
| 93 | 4.73 | 4.73 | Earthen Levee | Encroachments | LS M | TR : Tree or limb Ma | | | | 38.375373 ° 38.375373 ° 50 -121.546200 ° -121.546200 ° | DWR ID: DWR_RD0999_05_s_2012_50 | | |
| 94 | 4.75 | 4.82 | Earthen Levee | Trim / Thin Trees | LS M | T1 : Trim trees to at least five feet above ground level. Ma | | | | 38.375418 ° 38.375989 ° 52 -121.546043 ° -121.544934 ° | DWR ID: DWR_RD0999_05_s_2012_52 | | |
| 95 | 4.76 | 4.76 | Earthen Levee | Slope Stability | LS M | S3 : Repair the levee slope damaged by vehicle traffic and Ma prevent access where possible. Inspector Comments: Levee damaged by vehicle traffic. | | | | ° ° 154 ° ° Y | DWR ID: DWR_RD0999_05_f_2013_154 | | |
| 96 | 4.76 | 4.76 | Earthen Levee | Encroachments | WS M | PI : Pipe Ma Inspector Comments: Pipe is disconnected from pump and should be reconnected or removed. | | | | 38.375548 ° 38.375548 ° 46 -121.545693 ° -121.545693 ° Y | DWR ID: DWR_RD0999_05_f_2012_46 | | |
| 97 | 4.76 | 4.79 | Earthen Levee | Trim / Thin Trees | WSA/W | T3 : Trim and thin trees to allow visibility of the ground and Ma room to flood fight. | | | | 38.375566 ° 38.375775 ° 63 -121.545676 ° -121.545255 ° | DWR ID: DWR_RD0999_05_s_2012_63 | | |
| 98 | 4.77 | 4.77 | Supplemental DWR UCIP Field Study | | WS En | Inspector Comments: FS_ID:15442 EP_NO: 7383 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 4.0 feet below the crown. Pumphouse on WS slope and a JP on the LS shoulder. 1.5-inch galvanized iron electrical conduit at same location. Replaces existing portion of a 10-inch pipe within the levee section (Permit No. 7383, 1971). FS Date: 06/28/2013 | | | | | | 38.375537 ° 38.375537 ° 172 -121.545647 ° -121.545647 ° Y | DWR ID: DWR_RD0999_05_f_2013_172 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|---------------------|----------------|---|------------------------|----------------------------------|----------------------------------|
| IMR No | Levee Mile | | Category | Item | * Location Start | ** Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start |
| | Start | End | | | | | | End | Photo | |
| 99 | 4.77 | 4.77 | Supplemental DWR UCIP Field Study | WS M | En | | Inspector Comments: FS_ID:15443 EP_NO: 7383 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 4.0 feet below the crown. Pumphouse on WS slope and a JP on the LS shoulder. 1.5-inch galvanized iron electrical conduit at same location. Replaces existing portion of a 10-inch pipe within the levee section (Permit No. 7383, 1971). FS Date: 06/28/2013 | 38.375537 ° | 38.375537 ° | 173 |
| | | | | | | | | -121.545647 ° | -121.545647 ° | |
| 100 | 4.79 | 4.83 | Earthen Levee | Vegetation | LS A/W | V2 | : Remove the wild growth other than native grasses Ma from the levee slopes. Inspector Comments: Dense vegetation at landside toe. | 38.375769 ° | 38.376074 ° | 61 |
| | | | | | | | | -121.545258 ° | -121.544799 ° | |
| 101 | 4.86 | 4.86 | Earthen Levee | Trim / Thin Trees | LS A/W | T1 | : Trim trees to at least five feet above ground level. Ma | 38.376432 ° | 38.376432 ° | 64 |
| | | | | | | | | -121.544382 ° | -121.544382 ° | |
| 102 | 4.89 | 4.89 | Earthen Levee | Trim / Thin Trees | LS A/W | T1 | : Trim trees to at least five feet above ground level. Ma | 38.376717 ° | 38.376717 ° | 54 |
| | | | | | | | | -121.544017 ° | -121.544017 ° | |
| 103 | 5.16 | 5.23 | Earthen Levee | Encroachments | LS M | PR | : Prunings Ma Inspector Comments: Prunings on landside slope. | 38.379752 ° | 38.380640 ° | 65 |
| | | | | | | | | -121.541048 ° | -121.541325 ° | Y |
| | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_64 | |
| 104 | 5.22 | 5.22 | Supplemental DWR UCIP Field Study | LS M | En | | Inspector Comments: FS_ID:15445 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. Pipe open on waterside. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee 6.5-feet below the crown. Originally included in the 1966 O&M manual. FS Date: 06/28/2013 | 38.380523 ° | 38.380523 ° | 174 |
| | | | | | | | | -121.541186 ° | -121.541186 ° | Y |
| 105 | 5.22 | 5.22 | Supplemental DWR UCIP Field Study | LS M | En | | Inspector Comments: FS_ID:15452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. Pipe open on waterside. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee 6.5-feet below the crown. Originally included in the 1966 O&M manual. FS Date: 06/28/2013 | 38.380523 ° | 38.380523 ° | 175 |
| | | | | | | | | -121.541186 ° | -121.541186 ° | |
| | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_174 | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_175 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|--|---|------------------------|-------------|----------------------|----------------------------------|
| IMR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 106 | 5.47 | 5.61 | Earthen Levee | Encroachments | WS M En | FE : Fence | Inspector Comments: Fence is installed down waterside slope. | 38.381490 ° | 38.383185 ° | 51 | DWR ID: DWR_RD0999_05_s_2012_51 |
| 107 | 5.51 | 5.53 | Earthen Levee | Vegetation | WS M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | | 38.381815 ° | 38.382137 ° | 43 | -121.546058 ° -121.546338 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_43 |
| 108 | 5.54 | 5.54 | Supplemental DWR UCIP Field Study | | WS M En | Inspector Comments: FS_ID:16341 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit no. or remove. No pictures taken. | FIELD_STRUCT_DESC: 1-inch PVC irrigation line through the levee at unknown depth. Shutoff valves at hose bib on WS shoulder and in groundcover vegetation on LS slope. FS Date: 06/28/2013 | 38.382153 ° | 38.382153 ° | 176 | -121.546387 ° -121.546387 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_176 |
| 109 | 5.55 | 5.55 | Earthen Levee | Trim / Thin Trees | WS M Ma | T1 : Trim trees to at least five feet above ground level. | | 38.382454 ° | 38.382454 ° | 67 | -121.546579 ° -121.546579 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_67 |
| 110 | 5.57 | 5.57 | Earthen Levee | Trim / Thin Trees | LS M Ma | T1 : Trim trees to at least five feet above ground level. | | 38.382553 ° | 38.382553 ° | 68 | -121.546651 ° -121.546651 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_68 |
| 111 | 5.57 | 5.57 | Earthen Levee | Trim / Thin Trees | LS M Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | 38.382698 ° | 38.382698 ° | 70 | -121.546711 ° -121.546711 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_70 |
| 112 | 5.59 | 5.59 | Supplemental DWR UCIP Field Study | | LS M En | Inspector Comments: FS_ID:15446 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so appropriately. | FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 4-feet below the crown. Pumphouse and gate valve on the waterward slope. Vent on LS slope and a 42-inch concrete standpipe on LS toe. service pole on the landward slope with a 1.5-inch galvanized iron electrical conduit at same location. Originally included in the 1966 O&M manual. FS Date: 06/28/2013 | 38.382821 ° | 38.382821 ° | 177 | -121.546661 ° -121.546661 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_177 |
| 113 | 5.59 | 5.64 | Earthen Levee | Vegetation | WS U Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | | 38.382790 ° | 38.383548 ° | 71 | -121.546754 ° -121.546728 ° Y |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_71 |
| 114 | 5.90 | 5.94 | Earthen Levee | Vegetation | LS M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | | 38.384718 ° | 38.384930 ° | 48 | -121.542590 ° -121.541883 ° |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_48 |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | | |
|---|---|--|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|---|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|------------|----------|---|------------------------|---------------|----------------------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 115 | 5.95 | 5.95 | Earthen Levee | Animal Control | WS Ma | M | A1 : Extermenate rodents and backfill and compact or grout burrows. | 38.384867 ° | 38.384867 ° | 59 | |
| | | | | | | | | -121.541845 ° | -121.541845 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_59 | |
| 116 | 6.03 | 6.03 | Earthen Levee | Encroachments | LS Ma | U | TR : Tree or limb Inspector Comments: Large downed trees and limbs on landside slope and toe. | ° | ° | 39 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_39 | |
| 117 | 6.18 | 6.18 | Earthen Levee | Encroachments | LS En | M | PI : Pipe Inspector Comments: Irrigation pipes stored on landside toe. | ° | ° | 140 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_140 | |
| 118 | 6.20 | 6.34 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.387825 ° | 38.389775 ° | 60 | |
| | | | | | | | | -121.542335 ° | -121.542687 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_60 | |
| 119 | 6.21 | 6.21 | Earthen Levee | Encroachments | LS En | M | ST : Stairway Inspector Comments: Landowner dug stairs into landside slope. | 38.388159 ° | 38.388159 ° | 86 | |
| | | | | | | | | -121.542646 ° | -121.542646 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2012_86 | |
| 120 | 6.23 | 6.23 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:16344 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee 1.5-feet below the crown. Pump on WS. Filter, booster, and vent on LS toe. JP on WS shoulder. FS Date: 07/10/2013 | 38.388151 ° | 38.388151 ° | 178 | |
| | | | | | | | | -121.542624 ° | -121.542624 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_178 | |
| 121 | 6.23 | 6.34 | Earthen Levee | Encroachments | WSA/W En | PR | : Prunings | 38.388165 ° | 38.389695 ° | 100 | |
| | | | | | | | | -121.542647 ° | -121.542778 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_100 | |
| 122 | 6.23 | 6.23 | Supplemental DWR UCIP Field Study | | WS En | U | Inspector Comments: FS_ID:15600 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and is open on both ends. Pipe should be abandoned properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 6-feet below the crown. Evidence of Pump, gate valve on the WS toe along with a service pole. Evidence of a 36-inch standpipe at the landward toe. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.388175 ° | 38.388175 ° | 179 | |
| | | | | | | | | -121.542623 ° | -121.542623 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_179 | |
| 123 | 6.30 | 6.34 | Earthen Levee | Trim / Thin Trees | WS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Prunings are outside the twenty foot zone should be burned or removed from waterward slope. | 38.389116 ° | 38.389766 ° | 74 | |
| | | | | | | | | -121.542986 ° | -121.542673 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_74 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|-----------------------------------|---------------------------------------|---------------------|---|------------------------------|------------------------------|----------------------|----------------------------------|-----------|
| MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | Start | End | Photo | | |
| 124 | 6.30 | 6.34 | Earthen Levee | Crown Surface / Depressions / Rutting | CR A/W Ma | C2 : Repair depressions or ruts in the crown or slope. | 38.389182 ° -121.542982 ° | 38.389725 ° -121.542732 ° | 115 | DWR ID: DWR_RD0999_05_s_2012_115 | |
| 125 | 6.35 | 6.35 | Earthen Levee | Repair Gates | CR Ma | Inspector Comments: Gate should repaired or removed. | 38.389851 ° -121.542583 ° | 38.389851 ° -121.542583 ° | 90 Y | DWR ID: DWR_RD0999_05_f_2012_90 | |
| 126 | 6.38 | 6.38 | Earthen Levee | Encroachments | LS En | RA : Ramp Inspector Comments: Unauthorized ramp on landward slope. | ° ° | ° ° | 155 Y | DWR ID: DWR_RD0999_05_f_2013_155 | |
| 127 | 6.44 | 6.52 | Earthen Levee | Trim / Thin Trees | LS A/W Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.390541 ° -121.541360 ° | 38.391396 ° -121.540038 ° | 75 | DWR ID: DWR_RD0999_05_s_2012_75 | |
| 128 | 6.52 | 6.66 | Earthen Levee | Encroachments | LS En | TR : Tree or limb Inspector Comments: Landowner planted trees on landside slope. | 38.391317 ° -121.540168 ° | 38.391883 ° -121.539174 ° | 97 Y | DWR ID: DWR_RD0999_05_f_2012_97 | |
| 129 | 6.57 | 6.57 | Supplemental DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15604 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 14-inch pipe through the levee 7.2 feet below the crown. Open 9'X14' concrete pump pit on waterward slope. Pipe has steel plate bolted over WS end . Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.391723 ° -121.539442 ° | 38.391723 ° -121.539442 ° | 180 Y | DWR ID: DWR_RD0999_05_f_2013_180 | |
| 130 | 6.58 | 6.58 | Earthen Levee | Encroachments | LS Ma | PR : Prunings | 38.391776 ° -121.539295 ° | 38.391776 ° -121.539295 ° | 92 Y | DWR ID: DWR_RD0999_05_s_2012_92 | |
| 131 | 6.66 | 6.66 | Supplemental DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:16342 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing. FIELD_STRUCT_DESC: 8-inch aluminum irrigation pipe over the crown-pipe blocks crown when in use. Portable pump on WS toe. FS Date: 07/10/2013 | 38.392788 ° -121.539047 ° | 38.392788 ° -121.539047 ° | 181 Y | DWR ID: DWR_RD0999_05_f_2013_181 | |
| 132 | 6.72 | 6.72 | Earthen Levee | Encroachments | LS En | RA : Ramp Inspector Comments: Landowner installed ramp on landside slope without permit. | 38.393578 ° -121.539295 ° | 38.393578 ° -121.539295 ° | 132 Y | DWR ID: DWR_RD0999_05_f_2012_132 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|---------------|------------|----------|---|----------------------------------|---------------|----------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 133 | 6.78 | 6.81 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.394491 ° | 38.394991 ° | 93 | |
| | | | | | | | | -121.539427 ° | -121.539333 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_93 | | | |
| 134 | 6.79 | 6.79 | Earthen Levee | Encroachments | WSA/W Ma | PR | Prunings | ° | ° | 141 | |
| | | | | | | | | ° | ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_141 | | | |
| 135 | 6.83 | 6.83 | Earthen Levee | Encroachments | LS Ma | M | MA : Material Inspector Comments: Firewood and other material on landside shoulder. | 38.395234 ° | 38.395234 ° | 96 | |
| | | | | | | | | -121.539323 ° | -121.539323 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_96 | | | |
| 136 | 6.86 | 6.86 | Supplemental DWR UCIP Field Study | | LS En | M | Inspector Comments: FS_ID:16343 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee 1.5-feet below the crown. Pump on WS. Filter, booster, and vent on LS toe. JP on WS shoulder. FS Date: 07/10/2013 | 38.395554 ° | 38.395554 ° | 182 | |
| | | | | | | | | -121.539199 ° | -121.539199 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_182 | | | |
| 137 | 6.88 | 6.90 | Earthen Levee | Encroachments | LS En | M | EQ : Equipment Inspector Comments: Landowner is storing farm equipment on landward shoulder. | ° | ° | 156 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_156 | | | |
| 138 | 6.92 | 6.92 | Earthen Levee | Encroachments | WS En | M | MA : Material Inspector Comments: Landowner is storing pallets of bricks on waterward shoulder. | ° | ° | 157 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_157 | | | |
| 139 | 7.06 | 7.06 | Earthen Levee | Encroachments | LS Ma | M | PR : Prunings Inspector Comments: Large pruning pile on landward shoulder and slope. | ° | ° | 142 | |
| | | | | | | | | ° | ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_142 | | | |
| 140 | 7.57 | 7.57 | Earthen Levee | Encroachments | WS Ma | M | PR : Prunings | 38.403443 ° | 38.403443 ° | 116 | |
| | | | | | | | | -121.540007 ° | -121.540007 ° | | |
| | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_116 | | | |
| 141 | 7.63 | 7.63 | Supplemental DWR UCIP Field Study | | WS En | U | Inspector Comments: FS_ID:15617 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and open on both ends. Concrete pump pit foundation undermined at WS toe. Pipe should be abandoned properly FIELD_STRUCT_DESC: *Abandoned* 14-inch steel irrigation pipe through the levee 4.8 feet below the crown. Abandoned 9'X14' concrete pump pit on waterward slope. Pipe open at both ends. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.403744 ° | 38.403744 ° | 183 | |
| | | | | | | | | -121.540714 ° | -121.540714 ° | Y | |
| | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_183 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|---------------|------------|----------|---|------------------------|---------------|----------------------|----------------------------------|
| MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 142 | 7.65 | 7.69 | Earthen Levee | Vegetation | LS En | U | V6 : Landscaping | 38.403895 ° | 38.404145 ° | 66 | |
| | | | | | | | | -121.541113 ° | -121.541835 ° | Y | DWR ID: DWR_RD0999_05_s_2012_66 |
| 143 | 7.66 | 7.68 | Earthen Levee | Encroachments | WS En | M | FE : Fence | 38.403808 ° | 38.403976 ° | 99 | |
| | | | | | | | | -121.541354 ° | -121.541661 ° | | DWR ID: DWR_RD0999_05_s_2012_99 |
| 144 | 7.68 | 7.68 | Supplemental DWR UCIP Field Study | | WS En | M | Inspector Comments: FS_ID:15624 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space needs to be grouted between the 12 and 14-inch pipes. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee 7.0 feet below the crown. 12-inch pipe sleeved through 14-inch pipe. Annular space not grouted. 36-inch concrete standpipe on LS toe. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.403993 ° | 38.403993 ° | 184 | |
| | | | | | | | | -121.541626 ° | -121.541626 ° | Y | DWR ID: DWR_RD0999_05_f_2013_184 |
| 145 | 7.78 | 7.78 | Supplemental DWR UCIP Field Study | | WS En | M | Inspector Comments: FS_ID:15742 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to locate, but good location as there are sprinklers on both sides of the crown. Need to determine disposition of pipe. FIELD_STRUCT_DESC: 3-inch pipe through levee 11.3 feet below crown. Gate valve on landward slope. Sprinklers located on both slopes of levee. Location verified by electromagnetic survey. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.404865 ° | 38.404865 ° | 185 | |
| | | | | | | | | -121.543079 ° | -121.543079 ° | | DWR ID: DWR_RD0999_05_f_2013_185 |
| 146 | 7.78 | 7.78 | Supplemental DWR UCIP Field Study | | WS En | M | Inspector Comments: FS_ID:15741 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to locate, but good location as there are sprinklers on both sides of the crown. Need to determine disposition of pipe. FIELD_STRUCT_DESC: 3-inch pipe through levee 11.3 feet below crown. Gate valve on landward slope. Location verified by electromagnetic survey. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.404865 ° | 38.404865 ° | 186 | |
| | | | | | | | | -121.543079 ° | -121.543079 ° | | DWR ID: DWR_RD0999_05_f_2013_186 |
| | | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_186 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|-----------------------------------|---------------------------------------|------------|---|--|-------------|----------------------|----------------------------------|---------------|---------------|
| L/MR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. | |
| | Start | End | | | | | Start | End | Photo | | | |
| 147 | 7.83 | 7.83 | Supplemental DWR UCIP Field Study | WS M | En | Inspector Comments: FS_ID:15642 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to locate, but good location as there are sprinklers on both sides of the crown. Need to determine disposition of pipe. FIELD_STRUCT_DESC: 3-inch pipe through levee 11.3 feet below crown. Gate valve on landward slope. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.404876 ° | 38.404876 ° | 187 | -121.543070 ° | -121.543070 ° | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_187 | | |
| 148 | 7.89 | 7.89 | Supplemental DWR UCIP Field Study | WS M | En | Inspector Comments: FS_ID:15643 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to access property. Need to verify disposition of pipe. FIELD_STRUCT_DESC: 12-inch pipe through levee 4.0 feet below crown. Pump house on the waterward slope, service pole on the levee crown. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.406221 ° | 38.406221 ° | 188 | -121.543609 ° | -121.543609 ° | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_188 | | |
| 149 | 8.11 | 8.11 | Earthen Levee | Crown Surface / Depressions / Rutting | CR M | Ma | C3 : Add appropriate gravel or road base. Grade and compact. | ° | ° | ° | 144 | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_144 | | |
| 150 | 8.11 | 8.11 | Earthen Levee | Encroachments | WSA/W | PR | : Prunings Ma | 38.408948 ° | 38.408948 ° | 81 | -121.541937 ° | -121.541937 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_81 | | |
| 151 | 8.17 | 8.17 | Supplemental DWR UCIP Field Study | WS M | En | Inspector Comments: FS_ID:15683 EP_NO: 13463 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe exposed in excavation on LS shoulder at what may be a leak. FIELD_STRUCT_DESC: 12-inch pipe through the levee 2.5-feet below the crown. Pump on pile structure with walkway on WS toe. 12-inch PVC standpipe on LS toe next to filter plant and shed. (Permit No. 13463, 1982). 1.5-inch PVC electrical conduit at same location. This pipe replaced an existing 8-inch pipe that was grouted in place. FS Date: 07/10/2013 | 38.409421 ° | 38.409421 ° | 189 | -121.541007 ° | -121.541007 ° | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_189 | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|-----------------------------------|---------------|---------------------|------------------------|--|------------------------|----------------------|----------------------------------|-----------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | |
| | Start | End | | | | | | End | Photo | | |
| 152 | 8.18 | 8.18 | Supplemental DWR UCIP Field Study | WS M | En | | Inspector Comments: FS_ID:15663 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *Abandoned* 14-inch pipe through levee 14.4 feet below crown. Gate valve at pump in Concrete pit under pumphouse on WS slope. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.409440 ° | 38.409440 ° | 190 -121.540928 ° | -121.540928 ° Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_190 | |
| 153 | 8.18 | 8.18 | Supplemental DWR UCIP Field Study | WS M | En | | Inspector Comments: FS_ID:15664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 2-inch galvanized iron domestic water pipe through the levee 12.5 feet below the crown. Gate valve and domestic pressure system in pump house on the waterward slope. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.409488 ° | 38.409488 ° | 191 -121.540833 ° | -121.540833 ° Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_191 | |
| 154 | 8.19 | 8.22 | Earthen Levee | Vegetation | LS M | V6 : Landscaping En | | 38.409532 ° | 38.409760 ° | 87 -121.540667 ° | -121.540080 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_87 | |
| 155 | 8.19 | 8.19 | Earthen Levee | Encroachments | WSA/W | PR : Prunings En | | 38.409532 ° | 38.409532 ° | 88 -121.540665 ° | -121.540665 ° |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_88 | |
| 156 | 8.23 | 8.23 | Supplemental DWR UCIP Field Study | WS M | En | | Inspector Comments: FS_ID:15685 EP_NO: 4851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 8-inch pipe through levee 6.2 feet below crown. Gate valve in pump house on the waterward slope, service pole on both slopes (Permit No 4851, 1965). Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.409749 ° | 38.409749 ° | 192 -121.540079 ° | -121.540079 ° Y |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_192 | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | |
|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

| |
|--|
| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|---------------|----------------------|------------|----------|--|------------------------|-------------|----------------------|---------------|---------------------------------|---|
| IMR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | | | |
| | Start | End | | | | | | Start | End | | | | |
| 157 | 8.23 | 8.23 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15665 EP_NO: 4851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No grout found in pipe on WS. Needs to be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch pipe through levee 6.2 feet below crown. Gate valve in pump house on the waterward slope, service pole on both slopes (Permit No 4851, 1965). Originally included in the 1966 O&M manual. Grouted in place under Permit No. 13463. FS Date: 07/10/2013 | 38.409749 ° | 38.409749 ° | 193 | -121.540079 ° | -121.540079 ° | |
| 158 | 8.27 | 8.27 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 38.409855 ° | 38.409855 ° | 117 | -121.539382 ° | -121.539382 ° | |
| 159 | 8.30 | 8.30 | Earthen Levee | Encroachments | LS A/W En | PR | : Prunings | 38.409846 ° | 38.409846 ° | 133 | -121.538828 ° | -121.538828 ° | |
| 160 | 8.36 | 8.36 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.409665 ° | 38.409665 ° | 118 | -121.537898 ° | -121.537898 ° | |
| 161 | 8.37 | 8.37 | Earthen Levee | Encroachments | WSA/W Ma | PR | : Prunings | 38.409580 ° | 38.409580 ° | 119 | -121.537587 ° | -121.537587 ° | |
| 162 | 8.40 | 8.45 | Earthen Levee | Trim / Thin Trees | LS A/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.409467 ° | 38.409145 ° | 120 | -121.537157 ° | -121.536390 ° | |
| 163 | 8.43 | 8.43 | Supplemental | DWR UCIP Field Study | LS En | M | Inspector Comments: FS_ID:15686 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Type of pipe abandonment needs to be verified. FIELD_STRUCT_DESC: *Abandoned* 8-inch pipe through levee 11.7 feet below crown, no control valves. 1.5-inch galvanized iron electrical conduit found on WS slope at oak tree. 8-inch Pipe debris visible on WS slope. Originally included in the 1966 O&M manual. FS Date: 07/10/2013 | 38.409264 ° | 38.409264 ° | 194 | -121.536659 ° | -121.536659 ° | Y |
| 164 | 8.45 | 9.61 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 38.409445 ° | 38.413717 ° | 69 | -121.536980 ° | -121.523813 ° | |
| 165 | 8.50 | 8.50 | Earthen Levee | Encroachments | WSA/W En | PR | : Prunings | 38.408763 ° | 38.408763 ° | 89 | -121.535609 ° | -121.535609 ° | |
| | | | | | | | Inspector Comments: Garbage within prunings pile. | | | | | DWR ID: DWR_RD0999_05_s_2012_89 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|--------------------------|-------------------|------------|----------|--|------------------------|---------------|----------------------------------|-----------|
| MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 166 | 8.57 | 8.61 | Earthen Levee | Encroachments | LS En | M | FE : Fence Inspector Comments: Fence installed without CVFPB permit in 2008. Fence extends from landside toe to landside shoulder. | 38.408586 ° | 38.408748 ° | 101 | |
| | | | | | | | | -121.534992 ° | -121.534437 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_101 | |
| 167 | 8.57 | 8.57 | Earthen Levee | Trim / Thin Trees | LS A/W En | T4 | : Trim trees over roadway to at least 12 feet above ground level. | 38.408688 ° | 38.408688 ° | 106 | |
| | | | | | | | | -121.534367 ° | -121.534367 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_106 | |
| 168 | 8.62 | 8.65 | Earthen Levee | Trim / Thin Trees | LS A/W En | T4 | : Trim trees over roadway to at least 12 feet above ground level. | 38.409116 ° | 38.409500 ° | 102 | |
| | | | | | | | | -121.533738 ° | -121.533443 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_102 | |
| 169 | 8.64 | 8.64 | Earthen Levee | Vegetation | LS A/W En | V2 | : Remove the wild growth other than native grasses from the levee slopes. | 38.409378 ° | 38.409378 ° | 78 | |
| | | | | | | | | -121.533608 ° | -121.533608 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_78 | |
| 170 | 8.66 | 8.66 | Earthen Levee | Encroachments | WSA/W Ma | TR | : Tree or limb | 38.409637 ° | 38.409637 ° | 121 | |
| | | | | | | | | -121.533312 ° | -121.533312 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_121 | |
| 171 | 8.67 | 8.67 | Earthen Levee | Encroachments | LS A/W Ma | TR | : Tree or limb | 38.409700 ° | 38.409700 ° | 122 | |
| | | | | | | | | -121.533217 ° | -121.533217 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_122 | |
| 172 | 8.69 | 8.69 | Earthen Levee | Vegetation | LS A/W En | V2 | : Remove the wild growth other than native grasses from the levee slopes. | 38.409913 ° | 38.409913 ° | 105 | |
| | | | | | | | | -121.532988 ° | -121.532988 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_105 | |
| 173 | 8.72 | 8.72 | Earthen Levee | Vegetation | LS A/W En | V2 | : Remove the wild growth other than native grasses from the levee slopes. | 38.410283 ° | 38.410283 ° | 126 | |
| | | | | | | | | -121.532353 ° | -121.532353 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_126 | |
| 174 | 8.74 | 8.74 | Earthen Levee | Encroachments | CR En | M | FE : Fence | 38.410332 ° | 38.410332 ° | 103 | |
| | | | | | | | | -121.532277 ° | -121.532277 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_103 | |
| 175 | 8.75 | 8.77 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.410368 ° | 38.410595 ° | 123 | |
| | | | | | | | | -121.532147 ° | -121.531672 ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_123 | |
| 176 | 8.77 | 8.77 | Supplemental Field Study | DWR UCIP | LS En | M | Inspector Comments: FS_ID:16345 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No for crossing or remove it. FIELD_STRUCT_DESC: 3-inch plastic irrigation hose over the levee. Small portable pump on WS toe. FS Date: 07/10/2013 | 38.410531 ° | 38.410531 ° | 195 | |
| | | | | | | | | -121.531785 ° | -121.531785 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_f_2013_195 | |
| 177 | 8.78 | 8.78 | Earthen Levee | Encroachments | CR En | M | FE : Fence | 38.410344 ° | 38.410344 ° | 104 | |
| | | | | | | | | -121.532074 ° | -121.532074 ° | Y | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2012_104 | |
| 178 | 8.82 | 8.82 | Earthen Levee | Encroachments | CR En | M | FE : Fence | ° | ° | 143 | |
| | | | | | | | | ° | ° | | |
| | | | | | | | | | | DWR ID: DWR_RD0999_05_s_2013_143 | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|-----------------------------------|-------------------|-----------------|---------------|---|--|---------------|----------------------|----------------------------------|
| L/MR No | Levee Mile | | Category | Item | * Location + | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 179 | 8.88 | 8.94 | Earthen Levee | Encroachments | LS En | M | LI : Landscape Irrigation | 38.411577 ° | 38.412202 ° | 134 | DWR ID: DWR_RD0999_05_f_2012_134 |
| | | | | | | | | -121.530375 ° | -121.529707 ° | | |
| 180 | 8.89 | 8.89 | Earthen Levee | Trim / Thin Trees | WSA/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.411567 ° | 38.411567 ° | 91 | DWR ID: DWR_RD0999_05_s_2012_91 |
| | | | | | | | | -121.529902 ° | -121.529902 ° | | |
| 181 | 8.90 | 8.90 | Supplemental DWR UCIP Field Study | | WS En | M | Inspector Comments: FS_ID:16346 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No. for crossing. FIELD_STRUCT_DESC: 1-inch PVC sprinklers on both sides of crown. Unclear where crossing occurs. No photos taken. FS Date: 07/10/2013 | 38.411805 ° | 38.411805 ° | 196 | DWR ID: DWR_RD0999_05_f_2013_196 |
| | | | | | | | | -121.530044 ° | -121.530044 ° | | |
| 182 | 8.90 | 8.90 | Earthen Levee | Trim / Thin Trees | WSA/W En | T1 | : Trim trees to at least five feet above ground level. | 38.411760 ° | 38.411760 ° | 107 | DWR ID: DWR_RD0999_05_s_2012_107 |
| | | | | | | | | -121.530008 ° | -121.530008 ° | | |
| 183 | 8.93 | 8.93 | Earthen Levee | Encroachments | WSA/W Ma | PR | : Prunings | 38.412053 ° | 38.412053 ° | 108 | DWR ID: DWR_RD0999_05_s_2012_108 |
| | | | | | | | | -121.529752 ° | -121.529752 ° | | |
| 184 | 8.96 | 8.96 | Earthen Levee | Encroachments | LS En | A/W | PR : Prunings | 38.412468 ° | 38.412468 ° | 77 | DWR ID: DWR_RD0999_05_s_2012_77 |
| | | | | | | | | -121.529705 ° | -121.529705 ° | | |
| 185 | 9.04 | 9.04 | Earthen Levee | Encroachments | WSA/W En | PR | : Prunings | 38.413508 ° | 38.413508 ° | 124 | DWR ID: DWR_RD0999_05_s_2012_124 |
| | | | | | | | | -121.529743 ° | -121.529743 ° | | |
| 186 | 9.05 | 9.08 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | 38.413780 ° | 38.414138 ° | 127 | DWR ID: DWR_RD0999_05_s_2012_127 |
| | | | | | | | | -121.529727 ° | -121.529772 ° | | |
| 187 | 9.26 | 9.26 | Earthen Levee | Encroachments | LS Ob | A/W | PR : Prunings | 38.416027 ° | 38.416027 ° | 95 | DWR ID: DWR_RD0999_05_s_2012_95 |
| | | | | | | | | -121.528243 ° | -121.528243 ° | | |
| 188 | 9.30 | 9.30 | Earthen Levee | Encroachments | LS En | M | EQ : Equipment | ° | ° | 158 | DWR ID: DWR_RD0999_05_f_2013_158 |
| | | | | | | | | Inspector Comments: Landowner has place bleacher on landward shoulder. | | | |
| 189 | 9.33 | 9.35 | Earthen Levee | Trim / Thin Trees | LS A/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.415495 ° | 38.415278 ° | 109 | DWR ID: DWR_RD0999_05_s_2012_109 |
| | | | | | | | | -121.527217 ° | -121.527005 ° | | |
| 190 | 9.42 | 9.47 | Earthen Levee | Trim / Thin Trees | LS A/W Ma | T1 | : Trim trees to at least five feet above ground level. | 38.414550 ° | 38.413940 ° | 110 | DWR ID: DWR_RD0999_05_s_2012_110 |
| | | | | | | | | -121.526398 ° | -121.525902 ° | | |
| 191 | 9.47 | 9.47 | Earthen Levee | Vegetation | LS En | M | V6 : Landscaping | 38.413807 ° | 38.413807 ° | 111 | DWR ID: DWR_RD0999_05_s_2012_111 |
| | | | | | | | | Inspector Comments: Cactus on landside slope. | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|------------------------|------------|------|---------------|-------------------|------------|--|----------------|------------|---|------------------------|-----|-----------|
| Unit No. 05 Elk Slough | | | | | | | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby | | |
| IMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | | | GPS Latitude/Longitude | | Issue No. |
| | Start | End | | | | | | | | Start | End | |
| 192 | 9.49 | 9.52 | Earthen Levee | Trim / Thin Trees | LS A/W | T3 : Trim and thin trees to allow visibility of the ground and En room to flood fight. | | | 38.413673 ° 38.413412 ° 112 -121.525558 ° -121.525190 ° DWR ID: DWR_RD0999_05_s_2012_112 | | | 112 |
| 193 | 9.56 | 9.56 | Earthen Levee | Trim / Thin Trees | LS M | T1 : Trim trees to at least five feet above ground level. Ma | | | 38.413377 ° 38.413377 ° 114 -121.524500 ° -121.524500 ° DWR ID: DWR_RD0999_05_s_2012_114 | | | 114 |
| 194 | 9.59 | 9.59 | Earthen Levee | Vegetation | LS A/W | V2 : Remove the wild growth other than native grasses En from the levee slopes. | | | 38.413522 ° 38.413522 ° 125 -121.524018 ° -121.524018 ° DWR ID: DWR_RD0999_05_s_2012_125 | | | 125 |
| 195 | 9.62 | 9.62 | Earthen Levee | Encroachments | LS M | FW : Firewood En | | | ° ° 145 ° ° Y DWR ID: DWR_RD0999_05_s_2013_145 | | | 145 |
| 196 | 9.62 | 9.62 | Earthen Levee | Encroachments | WSA/W | PR : Prunings En Inspector Comments: Prunings appears to be a drive-by dump. | | | 38.413962 ° 38.413962 ° 113 -121.523437 ° -121.523437 ° DWR ID: DWR_RD0999_05_s_2012_113 | | | 113 |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| USACE 2012 Photo #1 | |
| USACE2013_ELK_0-2_R_1.jpg | |



| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| USACE 2012 Photo #2 | |
| USACE2013_ELK_0-2_R_2.jpg | |



| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| USACE 2012 Photo #3 | |
| USACE2013_ELK_0-2_R_3.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #4

USACE2013_ELK_0-2_R_4.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #5

USACE2013_ELK_0-2_R_5.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.02 |
| End Levee Mile | 9.47 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |

USACE 2012 Photo #6

USACE2013_ELK_0-2_R_6.jpg



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.10 |
| End Levee Mile | 0.10 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at small oak trees on landward slope. | |
| richard_f_20130927_481.JPG | |



| | |
|---|----------------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.23 |
| End Levee Mile | 0.23 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Steel junction box, vent, butterfly valve, and standpipe visible on LS slope. | |
| UCIP_8155.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.40 |
| End Levee Mile | 0.40 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking north at dense vegetation on landside slope and toe. | |
| richard_f_20130918_351.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.43 |
| End Levee Mile | 0.47 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at dense vegetation on landside slope and toe. | |
| richard_f_20130918_367.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.43 |
| End Levee Mile | 0.47 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at dense berry vines on landside toe. | |
| richard_f_20130918_368.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.43 |
| End Levee Mile | 0.47 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at vegetation on landside shoulder. (Fall 2012) | |
| richard_f_20130918_369.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 0.43 |
| End Levee Mile | 0.47 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking southwest at vegetation on landside slope and toe. (Fall 2012) | |
| richard_f_20130918_370.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 0.47 |
| End Levee Mile | 0.48 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at prunings on waterside slope. | |
| richard_f_20130918_371.jpg | |



| | |
|---------------------------------|----------------------|
| Levee Mile Report Line | 13 |
| Start Levee Mile | 0.53 |
| End Levee Mile | 0.53 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pump in pumphouse on WSs llope. | |
| UCIP_8162.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

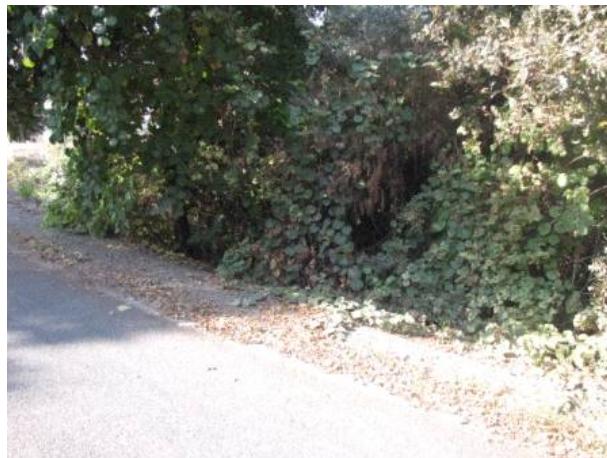
| | |
|---------------------------|----------------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.61 |
| End Levee Mile | 0.61 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible on WS slope. | |
| UCIP_8169.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 0.72 |
| End Levee Mile | 0.74 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Front view of dense trees at landside shoulder.(Spring 2011) | |
| richard_f_20130918_352.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 0.72 |
| End Levee Mile | 0.74 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at dense trees on landside slope and toe.(Spring 2011) | |
| richard_f_20130918_353.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 0.72 |
| End Levee Mile | 0.74 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at trimmed trees on landside slope.(Spring 2012) | |
| richard_f_20130918_354.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 19 |
| Start Levee Mile | 0.72 |
| End Levee Mile | 0.74 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northwest at dense trees at landside slope and toe. Spring 2013 | |
| richard_f_20130918_355.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 0.75 |
| End Levee Mile | 0.75 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pumphouse on WS slope with electrical conduit shown. | |
| UCIP_8190.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 23 |
| Start Levee Mile | 0.80 |
| End Levee Mile | 0.80 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at storage shed at landside toe and within the 10' easement. | |
| richard_f_20130918_366.JPG | |



| | |
|---|-------------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 0.81 |
| End Levee Mile | 0.81 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking at dense trees on landside slope and toe. | |
| richard_f_20130918_424.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 25 |
| Start Levee Mile | 0.84 |
| End Levee Mile | 0.94 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| View of landscaping (Ivy) blocking view of landside slope from LM 0.84 to 0.94 | |
| richard_f_20130918_356.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 25 |
| Start Levee Mile | 0.84 |
| End Levee Mile | 0.94 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| View of landscaping (Ivy) looking upstream from LM 0.84 to 0.94 | |
| richard_f_20130918_357.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 26 |
| Start Levee Mile | 0.84 |
| End Levee Mile | 0.94 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at dense landscaping on landside slope. | |
| richard_f_20130918_350.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 0.99 |
| End Levee Mile | 1.02 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at fence on landward slope. | |
| richard_f_20130927_482.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 1.11 |
| End Levee Mile | 1.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at dense trees on landside slope and toe. | |
| richard_f_20130918_358.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 31 |
| Start Levee Mile | 1.17 |
| End Levee Mile | 1.17 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible beneath 10-inch pipe that is currently in use. No connection. | |
| UCIP_9074.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.17 |
| End Levee Mile | 1.17 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at pump building on landside slope and toe. | |
| richard_f_20130918_428.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.17 |
| End Levee Mile | 1.17 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at pump building on landside slope and toe. | |
| richard_f_20130918_429.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 35 |
| Start Levee Mile | 1.20 |
| End Levee Mile | 1.20 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at abandoned vehicle on landward toe. | |
| richard_f_20130927_483.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 36 |
| Start Levee Mile | 1.24 |
| End Levee Mile | 1.27 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at fence along landside slope. | |
| richard_f_20130918_398.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 1.34 |
| End Levee Mile | 1.40 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at landscaping on landward slope. | |
| richard_f_20130927_484.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 39 |
| Start Levee Mile | 1.38 |
| End Levee Mile | 1.41 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at several cactus plants on landward slope. | |
| richard_f_20130927_485.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 40 |
| Start Levee Mile | 1.43 |
| End Levee Mile | 1.46 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking west at century plants on landward slope. | |
| richard_f_20130927_486.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|-------------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 1.51 |
| End Levee Mile | 1.88 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |

Front view of dense trees along waterside slope.

richard_f_20130918_363.jpg



| | |
|------------------------|-------------------|
| Levee Mile Report Line | 41 |
| Start Levee Mile | 1.51 |
| End Levee Mile | 1.88 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |

Side view of dense trees along waterside slope.

richard_f_20130918_364.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 45 |
| Start Levee Mile | 1.88 |
| End Levee Mile | 1.88 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Pipe and pump remnants on WS slope.

UCIP_8172.jpg



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 46 |
| Start Levee Mile | 1.97 |
| End Levee Mile | 1.97 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at garbage (sofa) on waterward slope. | |
| richard_f_20130927_487.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 47 |
| Start Levee Mile | 1.97 |
| End Levee Mile | 1.97 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Concrete rubble on waterside shoulder at LM 1.97 | |
| richard_f_20130918_365.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 48 |
| Start Levee Mile | 2.06 |
| End Levee Mile | 2.06 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at large concrete blocks at the top of ramp on waterside shoulder. | |
| richard_f_20130918_399.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 52 |
| Start Levee Mile | 2.50 |
| End Levee Mile | 2.50 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at downed tree on landward shoulder and slope. | |
| richard_f_20130927_488.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 55 |
| Start Levee Mile | 2.93 |
| End Levee Mile | 3.15 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at abandoned irrigation ditch at landward toe. | |
| richard_f_20130927_489.JPG | |



| | |
|----------------------------------|----------------------|
| Levee Mile Report Line | 58 |
| Start Levee Mile | 3.09 |
| End Levee Mile | 3.09 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Slant pump and pipe on WS slope. | |
| UCIP_8174.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 59 |
| Start Levee Mile | 3.19 |
| End Levee Mile | 3.24 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking downstream of landscaping blocking view of landside slope from LM 3.19 to 3.24 | |
| richard_f_20130918_373.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 61 |
| Start Levee Mile | 3.20 |
| End Levee Mile | 3.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at old irrigation ditch at landward toe. | |
| richard_f_20130927_490.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 61 |
| Start Levee Mile | 3.20 |
| End Levee Mile | 3.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at irrigation ditch at landward toe. | |
| richard_f_20130927_491.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 61 |
| Start Levee Mile | 3.20 |
| End Levee Mile | 3.68 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at irrigation ditch at landward toe. | |
| richard_f_20130927_492.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 66 |
| Start Levee Mile | 3.62 |
| End Levee Mile | 3.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at fence along waterside shoulder. | |
| richard_f_20130918_400.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 67 |
| Start Levee Mile | 3.70 |
| End Levee Mile | 3.70 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at equipment at landside toe. | |
| richard_f_20130918_359.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 67 |
| Start Levee Mile | 3.70 |
| End Levee Mile | 3.70 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at equipment on landside toe. | |
| richard_f_20130918_360.jpg | |



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 68 |
| Start Levee Mile | 3.74 |
| End Levee Mile | 3.74 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pump on pier at WS. | |
| UCIP_9078.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 69 |
| Start Levee Mile | 3.75 |
| End Levee Mile | 3.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at fence along landside shoulder. | |
| richard_f_20130918_401.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 71 |
| Start Levee Mile | 3.95 |
| End Levee Mile | 4.00 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at garbage on landside toe and berm. (Spring 2011) | |
| richard_f_20130918_361.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 71 |
| Start Levee Mile | 3.95 |
| End Levee Mile | 4.00 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at large pruning pile on landward slope. | |
| richard_f_20130927_493.JPG | |



| | |
|---|-------------------|
| Levee Mile Report Line | 73 |
| Start Levee Mile | 4.05 |
| End Levee Mile | 4.12 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northeast at overgrown trees on waterside slope.(Spring 2011) | |
| richard_f_20130918_381.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 73 |
| Start Levee Mile | 4.05 |
| End Levee Mile | 4.12 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northeast at trimmed trees on waterside slope. | |
| richard_f_20130918_382.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 74 |
| Start Levee Mile | 4.30 |
| End Levee Mile | 4.30 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at larger pruning pile on waterside shoulder. | |
| richard_f_20130918_375.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 75 |
| Start Levee Mile | 4.37 |
| End Levee Mile | 4.37 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking at century plants on waterside shoulder.(Spring 2012) | |
| richard_f_20130918_387.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 76 |
| Start Levee Mile | 4.38 |
| End Levee Mile | 4.41 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Overgrown landscaping on landside slope blocking view of slope from LM 4.38 to 4.41 | |
| richard_f_20130918_384.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 76 |
| Start Levee Mile | 4.38 |
| End Levee Mile | 4.41 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at landscaping on landward slope. | |
| richard_f_20130927_494.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 78 |
| Start Levee Mile | 4.43 |
| End Levee Mile | 4.43 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northeast at fig tree on waterside slope. | |
| richard_f_20130918_372.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 79 |
| Start Levee Mile | 4.43 |
| End Levee Mile | 4.43 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northwest at cactus on landside shoulder and slope.(Spring 2012) | |
| richard_f_20130918_388.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 81 |
| Start Levee Mile | 4.44 |
| End Levee Mile | 4.44 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Flex pipe through the levee 6-inches below the crown with portable pump on WS toe. | |
| UCIP_9081.jpg | |



| | |
|--------------------------|----------------------|
| Levee Mile Report Line | 84 |
| Start Levee Mile | 4.52 |
| End Levee Mile | 4.52 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Portable pump on WS toe. | |
| UCIP_9171.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 86 |
| Start Levee Mile | 4.53 |
| End Levee Mile | 4.53 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at propane tank on waterside slope. | |
| richard_f_20130918_426.jpg | |



| | |
|--|-------------------|
| Levee Mile Report Line | 89 |
| Start Levee Mile | 4.59 |
| End Levee Mile | 4.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking northwest at dense trees on landside slope.(Spring 2011) | |
| richard_f_20130918_376.jpg | |



| | |
|---|-------------------|
| Levee Mile Report Line | 89 |
| Start Levee Mile | 4.59 |
| End Levee Mile | 4.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at dense trees on landside slope.(Spring 2011) | |
| richard_f_20130918_377.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

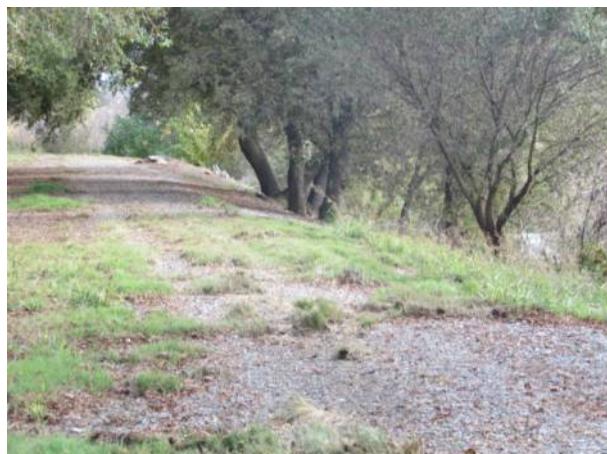
Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 89 |
| Start Levee Mile | 4.59 |
| End Levee Mile | 4.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking west at trimmed trees on landside slope.(Spring 2012) | |
| richard_f_20130918_378.jpg | |



| | |
|---|---------------------------------------|
| Levee Mile Report Line | 91 |
| Start Levee Mile | 4.61 |
| End Levee Mile | 4.83 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Crown Surface / Depressions / Rutting |
| Looking north at vegetation on levee crown. | |
| richard_f_20130918_374.JPG | |



| | |
|--|-----------------|
| Levee Mile Report Line | 95 |
| Start Levee Mile | 4.76 |
| End Levee Mile | 4.76 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking west at levee damage due to vehicle traffic. | |
| richard_f_20130927_495.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

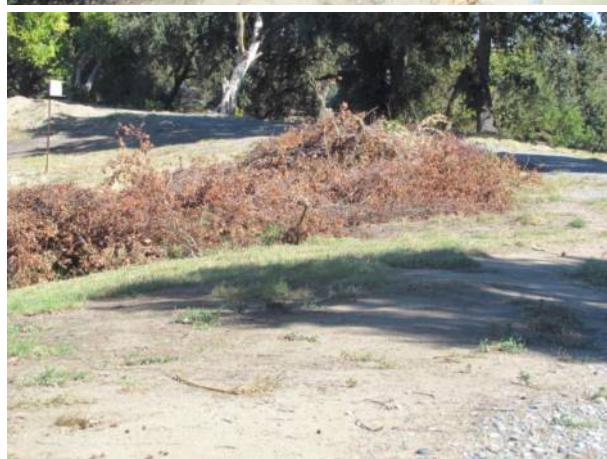
| | |
|--|---------------|
| Levee Mile Report Line | 96 |
| Start Levee Mile | 4.76 |
| End Levee Mile | 4.76 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at pipe disconnected from pump. | |
| richard_f_20130918_385.JPG | |



| | |
|----------------------------------|----------------------|
| Levee Mile Report Line | 98 |
| Start Levee Mile | 4.77 |
| End Levee Mile | 4.77 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Abandoned pumphouse on WS slope. | |
| UCIP_8179.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 103 |
| Start Levee Mile | 5.16 |
| End Levee Mile | 5.23 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at prunings on landward slope. | |
| richard_f_20130927_496.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|----------------------|
| Levee Mile Report Line | 104 |
| Start Levee Mile | 5.22 |
| End Levee Mile | 5.22 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe open on WS slope. | |
| UCIP_8192.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 106 |
| Start Levee Mile | 5.47 |
| End Levee Mile | 5.61 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at fence on waterside slope. | |
| richard_f_20130918_386.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 107 |
| Start Levee Mile | 5.51 |
| End Levee Mile | 5.53 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northeast at dense groundcover and vegetation on waterside slope. | |
| richard_f_20130918_383.jpg | |



| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|-------------------|
| Levee Mile Report Line | 111 |
| Start Levee Mile | 5.57 |
| End Levee Mile | 5.57 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southwest at untrimmed tree on waterside shoulder and slope. | |
| richard_f_20130918_396.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 112 |
| Start Levee Mile | 5.59 |
| End Levee Mile | 5.59 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Corrugated metal pumphouse on WS slope. | |
| UCIP_8184.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 113 |
| Start Levee Mile | 5.59 |
| End Levee Mile | 5.64 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking northeast at dense vegetation on waterside slope. | |
| richard_f_20130918_397.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 116 |
| Start Levee Mile | 6.03 |
| End Levee Mile | 6.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at large tree limb on landside toe and slope. | |
| richard_f_20130918_379.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 116 |
| Start Levee Mile | 6.03 |
| End Levee Mile | 6.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at large tree on landside slope and toe. | |
| richard_f_20130918_380.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 117 |
| Start Levee Mile | 6.18 |
| End Levee Mile | 6.18 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at irrigation pipes on landside toe. | |
| richard_f_20130918_430.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 119 |
| Start Levee Mile | 6.21 |
| End Levee Mile | 6.21 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

Looking east at excavated stairs on landside slope

richard_f_20130918_402.JPG



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 120 |
| Start Levee Mile | 6.23 |
| End Levee Mile | 6.23 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Pipe visible on LS slope with filter plant in background.

UCIP_9088.jpg



| | |
|------------------------|----------------------|
| Levee Mile Report Line | 122 |
| Start Levee Mile | 6.23 |
| End Levee Mile | 6.23 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

6-inch steel pipe on LS slope with evidence of 36-inch standpipe in background.

UCIP_8405.jpg



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|-------------------|
| Levee Mile Report Line | 123 |
| Start Levee Mile | 6.30 |
| End Levee Mile | 6.34 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Trim / Thin Trees |
| Looking southeast at prunings on waterward slope. | |
| richard_f_20130927_497.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 125 |
| Start Levee Mile | 6.35 |
| End Levee Mile | 6.35 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Repair Gates |
| Looking northwest at damaged gate on levee crown. | |
| richard_f_20130927_498.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 126 |
| Start Levee Mile | 6.38 |
| End Levee Mile | 6.38 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking southwest at ramp on landward slope. | |
| richard_f_20130927_499.JPG | |



| |
|-------------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

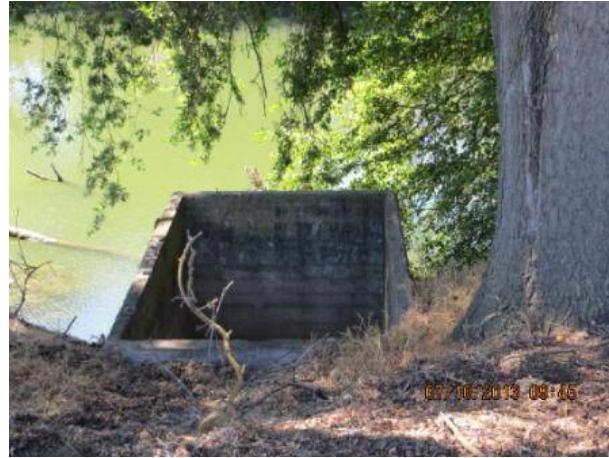
| | |
|---|---------------|
| Levee Mile Report Line | 128 |
| Start Levee Mile | 6.52 |
| End Levee Mile | 6.66 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at newly planted trees on landside slope. | |
| richard_f_20130918_418.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 128 |
| Start Levee Mile | 6.52 |
| End Levee Mile | 6.66 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking west at newly planted tree on landside slope. | |
| richard_f_20130918_419.jpg | |



| | |
|--------------------------------|----------------------|
| Levee Mile Report Line | 129 |
| Start Levee Mile | 6.57 |
| End Levee Mile | 6.57 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Concrete pump pit on WS slope. | |
| UCIP_8420.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 130 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at pruning pile on landside slope. (Spring 2011) | |
| richard_f_20130918_403.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 130 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at prunings on landside slope. (Spring 2012) | |
| richard_f_20130918_404.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 130 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at prunings on landside slope. | |
| richard_f_20130918_405.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 130 |
| Start Levee Mile | 6.58 |
| End Levee Mile | 6.58 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northwest at prunings on landside slope. Spring 2013 | |
| richard_f_20130918_406.jpg | |



| | |
|--------------------------|----------------------|
| Levee Mile Report Line | 131 |
| Start Levee Mile | 6.66 |
| End Levee Mile | 6.66 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Portable pump on WS toe. | |
| UCIP_9082.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 132 |
| Start Levee Mile | 6.72 |
| End Levee Mile | 6.72 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking east at unauthorized ramp on landside slope. | |
| richard_f_20130918_427.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 133 |
| Start Levee Mile | 6.78 |
| End Levee Mile | 6.81 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking north at overgrown landscape on landside slope and toe. | |
| richard_f_20130918_407.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 135 |
| Start Levee Mile | 6.83 |
| End Levee Mile | 6.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Fence, firewood and material at landside shoulder. | |
| richard_f_20130918_414.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 135 |
| Start Levee Mile | 6.83 |
| End Levee Mile | 6.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at firewood and other material on landside shoulder and crown. | |
| richard_f_20130918_415.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 135 |
| Start Levee Mile | 6.83 |
| End Levee Mile | 6.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at firewood and other material on landside shoulder and crown. | |
| richard_f_20130918_416.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 135 |
| Start Levee Mile | 6.83 |
| End Levee Mile | 6.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at firewood and other material on landside shoulder. (Spring 2012) | |
| richard_f_20130918_417.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 136 |
| Start Levee Mile | 6.86 |
| End Levee Mile | 6.86 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible on LS slope with filter plant in background. | |
| UCIP_9084.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---|---------------|
| Levee Mile Report Line | 137 |
| Start Levee Mile | 6.88 |
| End Levee Mile | 6.90 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at farm equipment on landward shoulder. | |
| richard_f_20130927_500.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 137 |
| Start Levee Mile | 6.88 |
| End Levee Mile | 6.90 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking south at farm equipment on landward shoulder. | |
| richard_f_20130927_501.JPG | |



| | |
|---|---------------|
| Levee Mile Report Line | 138 |
| Start Levee Mile | 6.92 |
| End Levee Mile | 6.92 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at pallets of bricks store on waterward shoulder. | |
| richard_f_20130927_502.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 139 |
| Start Levee Mile | 7.06 |
| End Levee Mile | 7.06 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at large prunings on landward slope. | |
| richard_f_20130927_503.JPG | |



| | |
|------------------------------|----------------------|
| Levee Mile Report Line | 141 |
| Start Levee Mile | 7.63 |
| End Levee Mile | 7.63 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Concrete pump pit on WS toe. | |
| UCIP_8479.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 142 |
| Start Levee Mile | 7.65 |
| End Levee Mile | 7.69 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Landscaping on landside slope blocking view of slope from LM 7.65 to 7.72 | |
| richard_f_20130918_394.JPG | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 142 |
| Start Levee Mile | 7.65 |
| End Levee Mile | 7.69 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking east at overgrown landscape on landside slope. | |
| richard_f_20130918_395.jpg | |



| | |
|---|----------------------|
| Levee Mile Report Line | 144 |
| Start Levee Mile | 7.68 |
| End Levee Mile | 7.68 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pump on metal pier with walkway at WS toe | |
| UCIP_8505.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 151 |
| Start Levee Mile | 8.17 |
| End Levee Mile | 8.17 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pump on metal pier with walkway on WS slope. | |
| UCIP_8599.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

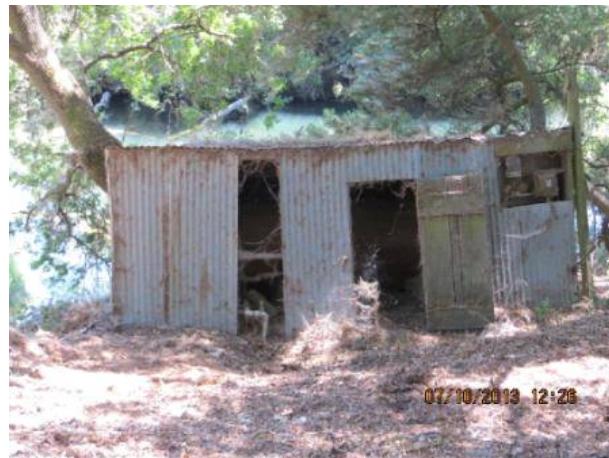
Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|---------------------------------|----------------------|
| Levee Mile Report Line | 152 |
| Start Levee Mile | 8.18 |
| End Levee Mile | 8.18 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Concrete pumphouse on WS slope. | |
| UCIP_8590.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 153 |
| Start Levee Mile | 8.18 |
| End Levee Mile | 8.18 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pipe visible inside pumphouse on WS slope. | |
| UCIP_8593.jpg | |



| | |
|--|----------------------|
| Levee Mile Report Line | 156 |
| Start Levee Mile | 8.23 |
| End Levee Mile | 8.23 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Pumphouse/concrete headwall on WS slope. | |
| UCIP_8603.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|----------------------|
| Levee Mile Report Line | 163 |
| Start Levee Mile | 8.43 |
| End Levee Mile | 8.43 |
| Location | Crown |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| 8-inch pipe debris with 1.5-inch electrical conduit visible in background on WS slope. | |
| UCIP_8606.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 166 |
| Start Levee Mile | 8.57 |
| End Levee Mile | 8.61 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| New installed unauthorized fence at landside slope and shoulder. | |
| richard_f_20130918_420.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 174 |
| Start Levee Mile | 8.74 |
| End Levee Mile | 8.74 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| New unauthorized fence that extend from landside toe to waterside toe. | |
| richard_f_20130918_421.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 174 |
| Start Levee Mile | 8.74 |
| End Levee Mile | 8.74 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| View of fence & gate across levee crown, landside & waterside slope. | |
| richard_f_20130918_422.jpg | |



| | |
|--------------------------|----------------------|
| Levee Mile Report Line | 176 |
| Start Levee Mile | 8.77 |
| End Levee Mile | 8.77 |
| Location | Crown |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Portable pump on WS toe. | |
| UCIP_9093.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 177 |
| Start Levee Mile | 8.78 |
| End Levee Mile | 8.78 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| New unauthorized fence and gate that extends from landside toe across levee crown to waterside toe. | |
| richard_f_20130918_423.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 0999 Netherlands

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 05 Elk Slough | Right | 9.66 | 09/25/2013 09/26/2013 | Richard Willoughby |

| | |
|--|---------------|
| Levee Mile Report Line | 188 |
| Start Levee Mile | 9.30 |
| End Levee Mile | 9.30 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking northeast at bleacher stored on landward shoulder. | |
| richard_f_20130930_504.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 195 |
| Start Levee Mile | 9.62 |
| End Levee Mile | 9.62 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Looking north at firewood piled at landside toe. | |
| richard_f_20130918_431.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |